					Location	Aztec Water Intake
					Sample ID	Aztec Water Intake
					Date	8/6/2015
Analyte	CAS.NO	Units			100	
			Recreationa	Agricultur		
Metals, Dissolved			IRSL	e	I	
Aluminum, Dissolved	7429-90-5		170000			0.041 J
Antimony, Dissolved	7440-36-0	-				0.0012 J
Arsenic, Dissolved	7440-38-2		50	100		0.0005
Barium, Dissolved	7440-39-3		33000			0.075
Beryllium, Dissolved	7440-41-7		330	100		< 0.00002 U
Cadmium, Dissolved	7440-43-9		83	10		0.00003 J
Calcium, Dissolved	7440-70-2					59.1
Chromium, Dissolved	7440-47-3		210000	100		0.0036
Cobalt, Dissolved	7440-48-4		50			0.0001
Copper, Dissolved	7440-50-8	mg/l	6700	100		0.0014
ron, Dissolved	7439-89-6	mg/l	120000			0.005 J
Lead, Dissolved	7439-92-1	mg/l	200	100		0.00006 J
Magnesium, Dissolved	7439-95-4	mg/l				9.16
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.029
Mercury, Dissolved	7439-97-6	mg/l				0.00007 J
Molybdenum, Dissolved	7439-98-7	mg/l				0.0012
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0022
Potassium, Dissolved	7440-09-7	mg/l				2.33
Selenium, Dissolved	7782-49-2			20		0.0006 J
Silver, Dissolved	7440-22-4					< 0.00003 U
Sodium, Dissolved	7440-23-5					16
Thallium, Dissolved	7440-28-0		1.7			0.0001
Vanadium, Dissolved	7440-62-2		830			0.0012
Zinc, Dissolved	7440-66-6		50000			0.026 J
Metals, Total		- Oi			<u> </u>	
Aluminum, Total	7429-90-5	mg/l				0.982
Antimony, Total	7440-36-0					0.0007
Arsenic, Total	7440-38-2					0.0009
Barium, Total	7440-39-3					0.0977
Beryllium, Total	7440-41-7	-				0.00009 J
Cadmium, Total	7440-43-9					0.0002
Calcium, Total	7440-70-2					59.9
Chromium, Total	7440-47-3					0.0004 J
Cobalt, Total	7440-48-4					0.0007
Copper, Total	7440-50-8					0.0044
ron, Total	7439-89-6					0.977
Lead, Total	7439-92-1					0.005
Magnesium, Total	7439-95-4					9.39
Manganese, Total	7439-96-5					0.12
Mercury, Total	7439-96-3					< 0.00002 U
Molybdenum, Total	7439-97-6					0.0012
Nickel, Total	7440-02-0	mg/l				0.0029

Potassium, Total	7440-09-7	mg/l		Potassium, Total	7440-09-7
Selenium, Total	7782-49-2	mg/l		Selenium, Total	7782-49-2
Silver, Total	7440-22-4	mg/l		Silver, Total	7440-22-4
Sodium, Total	7440-23-5	mg/l		Sodium, Total	7440-23-5
Thallium, Total	7440-28-0	mg/l		Thallium, Total	7440-28-0
Vanadium, Total	7440-62-2	mg/l		Vanadium, Total	7440-62-2
Zinc, Total	7440-66-6	mg/l		Zinc, Total	7440-66-6
General				General	
Alkalinity	STL00171	mg/L		Alkalinity	STL00171
Chloride	16887-00-6	mg/L		Chloride	16887-00-6
Fluoride	16984-48-8	mg/L		Fluoride	16984-48-8
Nitrate as N	14797-55-8	mg/L		Nitrate as N	14797-55-8
рН	STL00204	SU		рΗ	STL00204
Sulfate	14808-79-8	mg/L		Sulfate	14808-79-8
Total Dissolved Solids	STL00242	mg/L		Total Dissolved Solids	STL00242
Total Hardness	STL00009	mg/L		Total Hardness	STL00009
Total Suspended Solids	STL00161	mg/L		Total Suspended Solids	STL00161

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) - Data Estimated qualifier (also applied to all

MDL - Method Detection Limit MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

PQL - Practical Quantitation Limit, also known

U - Analyte not detected at or above MDL qualifier U - Analyte not detected at or above MDL qua

D - Diluted value qualifier. D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg. mg/L - Parts per million (millligrams per liter)

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg ug/L - Parts per billion (micrograms per liter).

Highlighted cells denote results that exceed the lowest benchmark value

Highlighted cells denote results that excee

Bold - Bolded results identify a detected valu

			=	**		•
			Location	Aztec Water Intake	Farmington Water Intake	ADWS-IT1
			Sample ID	Aztec Water Intake	Farmington Water Intake	ADWS-IT1-150807-21
			Date	8/6/2015	8/6/2015	8/7/2015
Units					1 7	, ,
Contract to the second	Recreationa	Agricultur	The second secon	The second secon		According to the Control State of Proposition (Control State Of Control St
	1 RSL	- e				
mg/l	170000			0.041 J	0.044 J	0.032 J
mg/l				0.0012 J	0.0007 J	< 0.001 U
mg/l	50	100		0.0005	0.0006	0.00052 J
mg/l	33000			0.075	0.0698	0.066
mg/l	330	100		< 0.00002 U	< 0.00002 U	< 0.0004 U
mg/l	83	10		0.00003 J	0.00002 J	< 0.0001 U
mg/l				59.1	62	58
mg/l	210000	100		0.0036	0.0035	< 0.002 U
mg/l	50			0.0001	0.0002	0.00012 J
mg/l	6700	100		0.0014	0.0014	0.001
mg/l	120000			0.005 J	< 0.003 U	< 0.05 U
mg/l	200	100		0.00006 J	0.00005 J	< 0.0003 U
mg/l				9.16	9.58	8.5
mg/l	7800	200		0.029	0.036	0.0071
mg/l				0.00007 J	0.00003 J	< 0.0002 U
mg/l				0.0012	0.0012	0.001
mg/l	330	200		0.0022	0.0021	0.0014
mg/l				2.33	2.54	2.2
mg/l		20		0.0006 J	0.0007 J	< 0.002 U
mg/l				< 0.00003 U	< 0.00003 U	< 0.001 U
mg/l				16	19.8	14
mg/l	1.7			0.0001	0.0001	< 0.0002 U
mg/l	830			0.0012	0.0014	0.00032 J
mg/l	50000			0.026 J	0.027 J	< 0.02 U
mg/l				0.982	2.53	0.6
mg/l				0.0007	0.0003 J	< 0.001 U
mg/l				0.0009	0.0011	0.00061 J
mg/l				0.0977	0.0987	0.071
mg/l				0.00009 J	0.0002 J	< 0.0004 U
mg/l				0.0002	0.0002	0.000099 J
mg/l				59.9	63.1	58
mg/l				0.0004 J	0.0011	< 0.002 U
mg/l				0.0007	0.0011	0.00032 J
mg/l				0.0044	0.0055	0.0024
mg/l				0.977	2.06	0.48
mg/l				0.005	0.006	0.002
mg/l				9.39	9.88	8.5
mg/l				0.12	0.158	0.06
mg/l				< 0.00002 U	< 0.00002 U	< 0.0002 U
mg/l				0.0012	0.0011	0.0011
mg/l				0.0029	0.0038	0.0016

Potassium, Total	7440-09-7	mg/l		mg/l
Selenium, Total	7782-49-2	mg/l		mg/l
Silver, Total	7440-22-4	mg/l		mg/l
Sodium, Total	7440-23-5	mg/l		mg/l
Thallium, Total	7440-28-0	mg/l		mg/l
Vanadium, Total	7440-62-2	mg/l		mg/l
Zinc, Total	7440-66-6	mg/l		mg/l
General				
Alkalinity	STL00171	mg/L		mg/L
Chloride	16887-00-6	mg/L		mg/L
Fluoride	16984-48-8	mg/L		mg/L
Nitrate as N	14797-55-8	mg/L		mg/L
рΗ	STL00204	SU		SU
Sulfate	14808-79-8	mg/L		mg/L
Total Dissolved Solids	STL00242	mg/L		mg/L
Total Hardness	STL00009	mg/L		mg/L
Total Suspended Solids	STL00161	mg/L		mg/L

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) data less than PQL, greater than or equal to M

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit. as reporting limit.

U - Analyte not detected at or above MDL qualifier lifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value d the lowest benchmark value

Location	Aztec Water Intake	Farmington Water Intake	ADWS-IT1	ADWS-IT1
Sample ID	Aztec Water Intake	Farmington Water Intake	ADWS-IT1-150807-21	ADWS-IT1-150807-2
Date	8/6/2015	8/6/2015	8/7/2015	8/7/2015
				,,,
		Principal places, and a principal place of the place of t	Francisco de la contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata del c	
	0.041 J	0.044 J	0.032 J	0.034 J
	0.0012 J	0.0007 J	< 0.001 U	< 0.001 U
	0.00123	0.00073	0.00052 J	0.00057 J
	0.005	0.0698	0.000323	0.066
	< 0.00002 U	< 0.00038 < 0.00002 U	< 0.000 U	< 0.000 U
	0.00002 U	0.00002 J	< 0.0004 U	< 0.0004 U
			#	
	59.1	62	58	58
	0.0036	0.0035	< 0.002 U	< 0.002 U
	0.0001	0.0002	0.00012 J	0.00013 J
	0.0014	0.0014	0.001	0.0011
	0.005 J	< 0.003 U	< 0.05 U	< 0.05 U
	0.00006 J	0.00005 J	< 0.0003 U	< 0.0003 U
	9.16	9.58	8.5	8.5
	0.029	0.036	0.0071	0.0078
	0.00007 J	0.00003 J	< 0.0002 U	< 0.0002 U
	0.0012	0.0012	0.001	0.0011
	0.0022	0.0021	0.0014	0.0014
	2.33	2.54	2.2	2.2
	0.0006 J	0.0007 J	< 0.002 U	< 0.002 U
	< 0.00003 U	< 0.00003 U	< 0.001 U	< 0.001 U
	16	19.8	14	14
	0.0001	0.0001	< 0.0002 U	< 0.0002 U
	0.0012	0.0014	0.00032 J	< 0.001 U
	0.026 J	0.027 J	< 0.02 U	< 0.02 U
	0.982	2.53	0.6	0.66
	0.0007	0.0003 J	< 0.001 U	< 0.001 U
	0.0009	0.0011	0.00061 J	0.00084 J
	0.0977	0.0987	0.071	0.072
	0.00009 J	0.0002 J	< 0.0004 U	< 0.0004 U
	0.0002	0.0002	0.000099 J	0.00011
	59.9	63.1	58	58
	0.0004 J	0.0011	< 0.002 U	< 0.002 U
	0.0007	0.0011	0.00032 J	0.00035 J
	0.0044	0.0055	0.0024	0.0027
	0.977	2.06	0.48	0.53
	0.005	0.006	0.002	0.0022
	9.39	9.88	8.5	8.5
	0.12	0.158	0.06	0.065
	< 0.00002 U	< 0.00002 U	< 0.0002 U	< 0.0002 U
	0.0012	0.0011	0.0011	0.001
	0.0012	0.0011	0.0011	0.001

Potassium, Total	7440-09-7	mg/l			 2.68
Selenium, Total	7782-49-2	mg/l			 0.0004 J
Silver, Total	7440-22-4	mg/l			 < 0.00003 U
Sodium, Total	7440-23-5	mg/l			 15.9
Thallium, Total	7440-28-0	mg/l			 0.0001
Vanadium, Total	7440-62-2	mg/l			 0.0017
Zinc, Total	7440-66-6	mg/l			 0.059
General				-	•
Alkalinity	STL00171	mg/L			
Chloride	16887-00-6	mg/L			
Fluoride	16984-48-8	mg/L			
Nitrate as N	14797-55-8	mg/L			
рН	STL00204	SU			
Sulfate	14808-79-8	mg/L			
Total Dissolved Solids	STL00242	mg/L			
Total Hardness	STL00009	mg/L			
Total Suspended Solids	STL00161	mg/L			

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDLPL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	Farmington Water Intake
					Sample ID	Farmington Water Intake
					Date	8/6/2015
Analyte	CAS.NO	Units			Date	0/0/2013
Allulyte	CADINO	Omes	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.044 J
Antimony, Dissolved	7440-36-0					0.0007 J
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.0006
Barium, Dissolved	7440-39-3		33000			0.0698
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.00002 U
Cadmium, Dissolved	7440-43-9		83	10		0.00002 J
Calcium, Dissolved	7440-70-2					62
Chromium, Dissolved	7440-47-3		210000	100		0.0035
Cobalt, Dissolved	7440-48-4	-	50			0.0002
Copper, Dissolved	7440-50-8		6700	100		0.0014
ron, Dissolved	7439-89-6		120000			< 0.003 U
Lead, Dissolved	7439-92-1		200	100		0.00005 J
Magnesium, Dissolved	7439-95-4					9.58
Manganese, Dissolved	7439-96-5	-	7800	200		0.036
Mercury, Dissolved	7439-97-6					0.00003 J
Molybdenum, Dissolved	7439-98-7					0.0012
Nickel, Dissolved	7440-02-0		330	200		0.0021
Potassium, Dissolved	7440-09-7	mg/l				2.54
Selenium, Dissolved	7782-49-2			20		0.0007 J
Silver, Dissolved	7440-22-4					< 0.00003 U
Sodium, Dissolved	7440-23-5					19.8
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.0001
Vanadium, Dissolved	7440-62-2		830			0.0014
Zinc, Dissolved	7440-66-6	<u> </u>	50000			0.027 J
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				2.53
Antimony, Total	7440-36-0					0.0003 J
Arsenic, Total	7440-38-2					0.0011
Barium, Total	7440-39-3					0.0987
Beryllium, Total	7440-41-7					0.0002 J
Cadmium, Total	7440-43-9					0.0002
Calcium, Total	7440-70-2					63.1
Chromium, Total	7440-47-3					0.0011
Cobalt, Total	7440-48-4					0.0011
Copper, Total	7440-50-8					0.0055
ron, Total	7439-89-6					2.06
Lead, Total	7439-92-1					0.006
Magnesium, Total	7439-95-4					9.88
Manganese, Total	7439-96-5					0.158
Mercury, Total	7439-97-6					< 0.00002 U
Molybdenum, Total	7439-98-7					0.0011
Nickel, Total	7440-02-0					0.0038

Potassium, Total	7440-09-7	mg/l		3.01
Selenium, Total	7782-49-2	mg/l		0.0004 J
Silver, Total	7440-22-4	mg/l		< 0.00003 U
Sodium, Total	7440-23-5	mg/l		19.8
Thallium, Total	7440-28-0	mg/l		0.0001
Vanadium, Total	7440-62-2	mg/l		0.0036
Zinc, Total	7440-66-6	mg/l		0.062
General		-	•	
Alkalinity	STL00171	mg/L		
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		
Total Hardness	STL00009	mg/L		
Total Suspended Solids	STL00161	mg/L		

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADWS-IT1
					Sample ID	ADWS-IT1-150807-21
					Date	8/7/2015
Analyta	CAS NO	Unite			Date	8/7/2013
Analyte	CAS.NO	Units	 Recreationa	Agricultur		
Metals, Dissolved			IRSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.032 J
Antimony, Dissolved	7440-36-0					< 0.001 U
Arsenic, Dissolved	7440-38-2		50	100		0.00052 J
Barium, Dissolved	7440-39-3		33000			0.066
Beryllium, Dissolved	7440-41-7		330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2					58
Chromium, Dissolved	7440-47-3		210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4		50			0.00012 J
Copper, Dissolved	7440-50-8		6700	100		0.001
ron, Dissolved	7439-89-6		120000			< 0.05 U
 Lead, Dissolved	7439-92-1		200	100		< 0.0003 U
Magnesium, Dissolved	7439-95-4					8.5
Manganese, Dissolved	7439-96-5		7800	200		0.0071
Mercury, Dissolved	7439-97-6					< 0.0002 U
Molybdenum, Dissolved	7439-98-7	<u> </u>				0.001
Nickel, Dissolved	7440-02-0	-	330	200		0.0014
Potassium, Dissolved	7440-09-7	-				2.2
Selenium, Dissolved	7782-49-2			20		< 0.002 U
Silver, Dissolved	7440-22-4					< 0.001 U
Sodium, Dissolved	7440-23-5					14
Thallium, Dissolved	7440-28-0		1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2		830			0.00032 J
Zinc, Dissolved	7440-66-6		50000			< 0.02 U
Metals, Total		- 0/				
Aluminum, Total	7429-90-5	mg/l				0.6
Antimony, Total	7440-36-0					< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.00061 J
Barium, Total	7440-39-3					0.071
Beryllium, Total	7440-41-7	-				< 0.0004 U
Cadmium, Total	7440-43-9					0.000099 J
Calcium, Total	7440-70-2	-				58
Chromium, Total	7440-47-3					< 0.002 U
Cobalt, Total	7440-48-4					0.00032 J
Copper, Total	7440-50-8	<u> </u>				0.0024
ron, Total	7439-89-6					0.48
Lead, Total	7439-92-1					0.002
Magnesium, Total	7439-95-4					8.5
Manganese, Total	7439-96-5					0.06
Mercury, Total	7439-97-6					< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.0011
Nickel, Total	7440-02-0					0.0016

П			
Potassium, Total	7440-09-7	mg/l	 2.3
Selenium, Total	7782-49-2	mg/l	 < 0.002 U
Silver, Total	7440-22-4	mg/l	 < 0.001 U
Sodium, Total	7440-23-5	mg/l	 14
Thallium, Total	7440-28-0	mg/l	 0.00015 J
Vanadium, Total	7440-62-2	mg/l	 0.0008 J
Zinc, Total	7440-66-6	mg/l	 0.02
General			
Alkalinity	STL00171	mg/L	 92
Chloride	16887-00-6	mg/L	
Fluoride	16984-48-8	mg/L	
Nitrate as N	14797-55-8	mg/L	
рН	STL00204	SU	 8.17 HF
Sulfate	14808-79-8	mg/L	
Total Dissolved Solids	STL00242	mg/L	 180
Total Hardness	STL00009	mg/L	 23
Total Suspended Solids	STL00161	mg/L	

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADWS-IT1
					Sample ID	ADWS-IT1-150807-22
					Date	8/7/2015
Analyte	CAS.NO	Units			Date	0/1/2013
riidiyee	CABINO	Company of the last of the las	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.034 J
Antimony, Dissolved	7440-36-0					< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.00057 J
Barium, Dissolved	7440-39-3	mg/l	33000			0.066
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				58
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.00013 J
Copper, Dissolved	7440-50-8		6700	100		0.0011
ron, Dissolved	7439-89-6	mg/l	120000			< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100		< 0.0003 U
Magnesium, Dissolved	7439-95-4	mg/l				8.5
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.0078
Mercury, Dissolved	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.0011
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0014
Potassium, Dissolved	7440-09-7	mg/l				2.2
Selenium, Dissolved	7782-49-2	mg/l		20		< 0.002 U
Silver, Dissolved	7440-22-4	mg/l				< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l				14
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830			< 0.001 U
Zinc, Dissolved	7440-66-6	mg/l	50000			< 0.02 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				0.66
Antimony, Total	7440-36-0	mg/l				< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.00084 J
Barium, Total	7440-39-3	mg/l				0.072
Beryllium, Total	7440-41-7	mg/l				< 0.0004 U
Cadmium, Total	7440-43-9	mg/l				0.00011
Calcium, Total	7440-70-2	mg/l				58
Chromium, Total	7440-47-3	mg/l				< 0.002 U
Cobalt, Total	7440-48-4	mg/l				0.00035 J
Copper, Total	7440-50-8	mg/l				0.0027
ron, Total	7439-89-6	mg/l				0.53
Lead, Total	7439-92-1	mg/l				0.0022
Magnesium, Total	7439-95-4	mg/l				8.5
Manganese, Total	7439-96-5	mg/l				0.065
Mercury, Total	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.001
Nickel, Total	7440-02-0	mg/l				0.0018

П			
Potassium, Total	7440-09-7	mg/l	 2.3
Selenium, Total	7782-49-2	mg/l	 < 0.002 U
Silver, Total	7440-22-4	mg/l	 < 0.001 U
Sodium, Total	7440-23-5	mg/l	 14
Thallium, Total	7440-28-0	mg/l	 < 0.0002 U
Vanadium, Total	7440-62-2	mg/l	 0.00094 J
Zinc, Total	7440-66-6	mg/l	 0.021
General			
Alkalinity	STL00171	mg/L	 93
Chloride	16887-00-6	mg/L	
Fluoride	16984-48-8	mg/L	
Nitrate as N	14797-55-8	mg/L	
рН	STL00204	SU	 8.26 HF
Sulfate	14808-79-8	mg/L	
Total Dissolved Solids	STL00242	mg/L	 180
Total Hardness	STL00009	mg/L	 24
Total Suspended Solids	STL00161	mg/L	

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADWS-IT2
					Sample ID	ADWS-IT2-150807-21
					Date	8/7/2015
Anabea	CAS.NO	l laite			Date	
Analyte	CA5.NU	Units	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.03 J
Antimony, Dissolved	7440-36-0					< 0.001 U
Arsenic, Dissolved	7440-38-2		50	100		0.00054 J
Barium, Dissolved	7440-39-3		33000			0.067
Beryllium, Dissolved	7440-41-7		330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2					59
Chromium, Dissolved	7440-47-3		210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4		50			0.00013 J
Copper, Dissolved	7440-50-8	<u> </u>	6700	100		0.0011
ron, Dissolved	7439-89-6		120000			< 0.05 U
Lead, Dissolved	7439-92-1		200	100		0.000061 J
Magnesium, Dissolved	7439-95-4					8.3
Manganese, Dissolved	7439-96-5		7800	200		0.0071
Mercury, Dissolved	7439-97-6					< 0.0002 U
Molybdenum, Dissolved	7439-98-7					0.001
Nickel, Dissolved	7440-02-0		330	200		0.0014
Potassium, Dissolved	7440-09-7	mg/l				2.2
Selenium, Dissolved	7782-49-2			20		< 0.002 U
Silver, Dissolved	7440-22-4					< 0.001 U
Sodium, Dissolved	7440-23-5					13
Thallium, Dissolved	7440-28-0		1.7			0.00011 J
Vanadium, Dissolved	7440-62-2		830			< 0.001 U
Zinc, Dissolved	7440-66-6		50000			< 0.02 U
Metals, Total		<u> </u>				
Aluminum, Total	7429-90-5	mg/l				0.54
Antimony, Total	7440-36-0					< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.00063 J
Barium, Total	7440-39-3					0.071
Beryllium, Total	7440-41-7					< 0.0004 U
Cadmium, Total	7440-43-9					0.00011
Calcium, Total	7440-70-2					58
Chromium, Total	7440-47-3					< 0.002 U
Cobalt, Total	7440-48-4					0.0003 J
Copper, Total	7440-50-8					0.0023
ron, Total	7439-89-6					0.42
Lead, Total	7439-92-1					0.0017
Magnesium, Total	7439-95-4					8.2
Manganese, Total	7439-96-5					0.053
Mercury, Total	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.001
Nickel, Total	7440-02-0	mg/l				0.0016

Potassium, Total	7440-09-7	mg/l		2.3
Selenium, Total	7782-49-2	mg/l		< 0.002 U
Silver, Total	7440-22-4	mg/l		< 0.001 U
Sodium, Total	7440-23-5	mg/l		13
Thallium, Total	7440-28-0	mg/l		< 0.0002 U
Vanadium, Total	7440-62-2	mg/l		0.00083 J
Zinc, Total	7440-66-6	mg/l		0.019 J
General			•	
Alkalinity	STL00171	mg/L		93
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.2 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		180
Total Hardness	STL00009	mg/L		21
Total Suspended Solids	STL00161	mg/L		

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FWS-ARP2
					Sample ID	FWS-ARP2-150807-21
					Date	8/7/2015
Analyta	CASNO	Unite			Date	8/7/2013
Analyte	CAS.NO	Units	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.029 J
Antimony, Dissolved	7440-36-0					< 0.001 U
Arsenic, Dissolved	7440-38-2		50	100		0.00074 J
Barium, Dissolved	7440-39-3		33000			0.069
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	†	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2					68
Chromium, Dissolved	7440-47-3		210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4		50			0.00016 J
Copper, Dissolved	7440-50-8		6700	100		0.0012
ron, Dissolved	7439-89-6		120000			< 0.05 U
Lead, Dissolved	7439-92-1		200	100		< 0.0003 U
Magnesium, Dissolved	7439-95-4					9.6
Manganese, Dissolved	7439-96-5		7800	200		0.021
Mercury, Dissolved	7439-97-6					< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.0012
Nickel, Dissolved	7440-02-0		330	200		0.0015
Potassium, Dissolved	7440-09-7	mg/l				2.4
Selenium, Dissolved	7782-49-2			20		< 0.002 U
Silver, Dissolved	7440-22-4	mg/l				< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l				22
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830			< 0.001 U
Zinc, Dissolved	7440-66-6	mg/l	50000			< 0.02 U
Metals, Total						
Aluminum, Total	7429-90-5					1.4
Antimony, Total	7440-36-0	mg/l				< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.00081 J
Barium, Total	7440-39-3	mg/l				0.079
Beryllium, Total	7440-41-7	mg/l				< 0.0004 U
Cadmium, Total	7440-43-9	mg/l				0.000092 J
Calcium, Total	7440-70-2					67
Chromium, Total	7440-47-3					< 0.002 U
Cobalt, Total	7440-48-4					0.00052
Copper, Total	7440-50-8					0.0031
ron, Total	7439-89-6					1
Lead, Total	7439-92-1	mg/l				0.0026
Magnesium, Total	7439-95-4					9.6
Manganese, Total	7439-96-5					0.091
Mercury, Total	7439-97-6					< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.0012
Nickel, Total	7440-02-0	mg/l				0.0021

П			
Potassium, Total	7440-09-7	mg/l	 2.6
Selenium, Total	7782-49-2	mg/l	 < 0.002 U
Silver, Total	7440-22-4	mg/l	 < 0.001 U
Sodium, Total	7440-23-5	mg/l	 22
Thallium, Total	7440-28-0	mg/l	 < 0.0002 U
Vanadium, Total	7440-62-2	mg/l	 0.0019
Zinc, Total	7440-66-6	mg/l	 0.02
General			
Alkalinity	STL00171	mg/L	 91
Chloride	16887-00-6	mg/L	
Fluoride	16984-48-8	mg/L	
Nitrate as N	14797-55-8	mg/L	
рΗ	STL00204	SU	 8.31 HF
Sulfate	14808-79-8	mg/L	
Total Dissolved Solids	STL00242	mg/L	 210
Total Hardness	STL00009	mg/L	 43
Total Suspended Solids	STL00161	mg/L	

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-FD
					Sample ID	LVW-FD-150807-21
					Date	8/7/2015
Analyte	CAS.NO	Units			Date	0,7,2013
rillaryte	CHOING		Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 0.2 U
Antimony, Dissolved	7440-36-0	mg/l				< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.0011
Barium, Dissolved	7440-39-3	mg/l	33000			0.11
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				77
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.00022 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		0.0014
ron, Dissolved	7439-89-6	mg/l	120000			0.042 J
Lead, Dissolved	7439-92-1	mg/l	200	100		0.00018 J
Magnesium, Dissolved	7439-95-4	mg/l				10
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.024
Mercury, Dissolved	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.0015
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0021
Potassium, Dissolved	7440-09-7	mg/l				2.8
Selenium, Dissolved	7782-49-2	mg/l		20		< 0.002 U
Silver, Dissolved	7440-22-4	mg/l				< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l				31
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.00044 J
Zinc, Dissolved	7440-66-6	mg/l	50000			< 0.02 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				2.3
Antimony, Total	7440-36-0	mg/l				< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.0014
Barium, Total	7440-39-3					0.12
Beryllium, Total	7440-41-7					< 0.0004 U
Cadmium, Total	7440-43-9	mg/l				0.000064 J
Calcium, Total	7440-70-2					75
Chromium, Total	7440-47-3					0.0012 J
Cobalt, Total	7440-48-4					0.00056
Copper, Total	7440-50-8					0.0031
ron, Total	7439-89-6					1.4
Lead, Total	7439-92-1					0.0029
Magnesium, Total	7439-95-4					10
Manganese, Total	7439-96-5					0.083
Mercury, Total	7439-97-6					< 0.0002 U
Molybdenum, Total	7439-98-7					0.0015
Nickel, Total	7440-02-0	mg/l				0.0024

Potassium, Total	7440-09-7	mg/l		3.2
Selenium, Total	7782-49-2	mg/l		< 0.002 U
Silver, Total	7440-22-4	mg/l		< 0.001 U
Sodium, Total	7440-23-5	mg/l		29
Thallium, Total	7440-28-0	mg/l		< 0.0002 U
Vanadium, Total	7440-62-2	mg/l		0.0031
Zinc, Total	7440-66-6	mg/l		0.013 J
General				
Alkalinity	STL00171	mg/L		120
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.11 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		230
Total Hardness	STL00009	mg/L		36
Total Suspended Solids	STL00161	mg/L		

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

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PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

429-90-5 440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l mg/l	Recreationa I RSL 170000 50 33000	Agricultur e	Sample ID Date	ADWS-ARP 11 8/8/2015 < 200 U
429-90-5 440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000	е	Date	8/8/2015
429-90-5 440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000	е		
429-90-5 440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000	е		< 200 U
440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l mg/l	170000 50 33000			< 200 U
440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l mg/l	50 33000	100		< 200 U
440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l mg/l	33000	100		
440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l mg/l	33000	100		< 1 U
440-41-7 440-43-9 440-70-2 440-47-3 440-48-4	mg/l				0.58 J
440-43-9 440-70-2 440-47-3 440-48-4					49
440-70-2 440-47-3 440-48-4	mg/l	330	100		< 0.4 U
440-47-3 440-48-4		83	10		< 0.1 U
440-48-4	mg/l				61000
	mg/l	210000	100		< 2 U
	mg/l	50			< 0.4 U
440-50-8	mg/l	6700	100		1.3
439-89-6		120000			< 50 U
439-92-1	mg/l	200	100		0.17 J
439-95-4					8100
439-96-5	-	7800	200		2.9
439-97-6					< 0.2 U
439-98-7	mg/l				1.5
440-02-0	mg/l	330	200		1.2
440-09-7	mg/l				2200
782-49-2	mg/l		20		< 2 U
440-22-4	mg/l				< 1 U
					14000
		1.7			< 0.2 U
					< 1 U
					< 20 U F1
	11.61				
429-90-5	mg/l				4200
					1.5
	-				11
					97
					0.29 J
					0.55
					69000
					1.7 J
					1.7 3
				 	49
					15000
					230
				 	9400
					260
434-41-6					< 0.2 U
	mg/I	· '			4
	440-28-0 440-62-2 440-66-6 429-90-5 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-47-3 440-47-3 440-50-8 439-89-6 439-95-4 439-96-5	440-66-6 mg/l 429-90-5 mg/l 440-36-0 mg/l 440-38-2 mg/l 440-39-3 mg/l 440-41-7 mg/l 440-43-9 mg/l 440-47-3 mg/l 440-47-3 mg/l 440-50-8 mg/l 439-96-6 mg/l 439-96-5 mg/l 439-97-6 mg/l	1.7 140-28-0 mg/l 1.7 140-62-2 mg/l 830 140-66-6 mg/l 50000 1429-90-5 mg/l 140-36-0 mg/l 140-38-2 mg/l 140-41-7 mg/l 140-41-7 mg/l 140-43-9 mg/l 140-47-3 mg/l 140-47-3 mg/l 140-48-4 mg/l 140-50-8 mg/l 1439-89-6 mg/l 1439-95-4 mg/l 1439-96-5 mg/l 1439-96-5 mg/l 1439-97-6 mg/l 1439-97-8 mg/l	1.7 140-28-0 mg/l 1.7 140-62-2 mg/l 830 140-66-6 mg/l 50000 1429-90-5 mg/l 140-36-0 mg/l 140-38-2 mg/l 140-41-7 mg/l 140-41-7 mg/l 140-43-9 mg/l 140-70-2 mg/l 140-47-3 mg/l 140-47-3 mg/l 140-48-4 mg/l 140-50-8 mg/l 1439-89-6 mg/l 1439-95-4 mg/l 1439-96-5 mg/l 1439-96-5 mg/l 1439-97-6 mg/l 1439-97-6 mg/l 1439-97-6 mg/l 1439-97-6 mg/l	140-28-0 mg/l 1.7

Potassium, Total	7440-09-7	mg/l		3700
Selenium, Total	7782-49-2	mg/l		0.58 J
Silver, Total	7440-22-4	mg/l		1.6
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.12 J
Vanadium, Total	7440-62-2	mg/l		10
Zinc, Total	7440-66-6	mg/l		180
General				
Alkalinity	STL00171	mg/L		87
Chloride	16887-00-б	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.04 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		290
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		140

Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

				11 11	Location	ADWS-IT1
					Sample ID	11
		Units			Date	8/8/2015
Analyte	CAS.NO				Date	
	CLIONIO	L TAREET.	Recreationa	Agricultur		
Metals, Dissolved			IRSL	- e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		< 1 U
Barium, Dissolved	7440-39-3	mg/l	33000			50
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				60000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			< 0.4 U
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.4
ron, Dissolved	7439-89-6		120000			< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.15 J
Magnesium, Dissolved	7439-95-4	mg/l				8100
Manganese, Dissolved	7439-96-5	mg/l	7800	200		3
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l	333	230		2100
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4			20		<1U
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.15 J
Vanadium, Dissolved	7440-62-2	mg/l	830			< 1 U
Zinc, Dissolved	7440-66-6	mg/l	50000			< 20 U
Metals, Total	7110 00 0	1116/1	30000			\ 200
Aluminum, Total	7429-90-5	mg/l				2800
Antimony, Total	7440-36-0					1.1
Arsenic, Total	7440-38-2	mg/l				7.6
Barium, Total	7440-38-2					84
Beryllium, Total	7440-39-3	mg/l				0.2 J
Cadmium, Total	7440-41-7	mg/l				0.4
Calcium, Total	7440-43-9	mg/l				67000
Chromium, Total	7440-70-2	mg/l				1.1 J
Cobalt, Total	7440-47-3					0.95
	_					
Copper, Total	7440-50-8	mg/l				34 10000
ron, Total	7439-89-6					
Lead, Total	7439-92-1	mg/l				150
Magnesium, Total	7439-95-4	mg/l				9100
Manganese, Total	7439-96-5	mg/l				200
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				3
Nickel, Total	7440-02-0	mg/l				1.8

Potassium, Total	7440-09-7	mg/l		3200
Selenium, Total	7782-49-2	mg/l		< 2 U
Silver, Total	7440-22-4	mg/l		1
Sodium, Total	7440-23-5	mg/l		14000
Thallium, Total	7440-28-0	mg/l		< 0.2 U
Vanadium, Total	7440-62-2	mg/l		6.9
Zinc, Total	7440-66-6	mg/l		140
General				
Alkalinity	STL00171	mg/L		94
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.06 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		93

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADWS-IT2
		Units			Sample ID	11
					Date	8/8/2015
Analyte	CAS.NO				- Date	
	01101110	<u> </u>	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.5 J
Barium, Dissolved	7440-39-3	mg/l	33000			55
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				57000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			< 0.4 U
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.6
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
_ead, Dissolved	7439-92-1	mg/l	200	100		0.25 J
Magnesium, Dissolved	7439-95-4	mg/l				7800
Manganese, Dissolved	7439-96-5	mg/l	7800	200		5.6
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4					< 1 U
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.41 J
Zinc, Dissolved	7440-66-6	mg/l	50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				1900
Antimony, Total	7440-36-0					0.73 J
Arsenic, Total	7440-38-2	mg/l				4.4
Barium, Total	7440-39-3	mg/l				75
Beryllium, Total	7440-41-7	mg/l				< 0.4 U
Cadmium, Total	7440-43-9	mg/l				0.3
Calcium, Total	7440-70-2	mg/l				61000
Chromium, Total	7440-47-3	mg/l				< 2 U
Cobalt, Total	7440-48-4					0.68
Copper, Total	7440-50-8	mg/l				23
ron, Total	7439-89-6					6000
Lead, Total	7439-92-1	mg/l				81
Magnesium, Total	7439-95-4	mg/l				8400
Manganese, Total	7439-96-5	mg/l				150
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				2
Nickel, Total	7440-02-0	mg/l				1.4

Potassium, Total	7440-09-7	mg/l		2900
Selenium, Total	7782-49-2	mg/l		< 2 U
Silver, Total	7440-22-4	mg/l		0.55 J
Sodium, Total	7440-23-5	mg/l		13000
Thallium, Total	7440-28-0	mg/l		< 0.2 U
Vanadium, Total	7440-62-2	mg/l		4.3
Zinc, Total	7440-66-6	mg/l		110
General			_	
Alkalinity	STL00171	mg/L		91
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.13 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		190
Total Suspended Solids	STL00161	mg/L		67

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FWS-ARP2
					Sample ID	11
					Date	8/8/2015
Analyte	CAS.NO	Units			Date	0/0/2013
Allulyte	CABINO	Oinco	Recreationa	Agricultur	1	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.38 J
Barium, Dissolved	7440-39-3	mg/l	33000			56
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2					66000
Chromium, Dissolved	7440-47-3		210000	100		< 2 U
Cobalt, Dissolved	7440-48-4		50			0.12 J
Copper, Dissolved	7440-50-8		6700	100		1.4
ron, Dissolved	7439-89-6		120000			< 50 U
Lead, Dissolved	7439-92-1		200	100		0.14 J
Magnesium, Dissolved	7439-95-4					8300
Manganese, Dissolved	7439-96-5		7800	200		1.7 J
Mercury, Dissolved	7439-97-6					< 0.2 U
Molybdenum, Dissolved	7439-98-7					1.7
Nickel, Dissolved	7440-02-0		330	200		1.4
Potassium, Dissolved	7440-09-7					2200
Selenium, Dissolved	7782-49-2			20		< 2 U
Silver, Dissolved	7440-22-4					< 1 U
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2		830			0.37 J
Zinc, Dissolved	7440-66-6		50000			< 20 U F1
, Metals, Total		<u> </u>			1	
Aluminum, Total	7429-90-5	mg/l				5300 F1
Antimony, Total	7440-36-0					1.6
Arsenic, Total	7440-38-2					11
Barium, Total	7440-39-3					100
Beryllium, Total	7440-41-7					0.31 J
Cadmium, Total	7440-43-9					0.5
Calcium, Total	7440-70-2					69000
Chromium, Total	7440-47-3					1.8 J
Cobalt, Total	7440-48-4					1.2
Copper, Total	7440-50-8	<u> </u>				47
ron, Total	7439-89-6					16000
Lead, Total	7439-92-1					220
Magnesium, Total	7439-95-4					9400
Manganese, Total	7439-96-5					220
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7					4.1
Nickel, Total	7440-02-0					2.1

П				
Potassium, Total	7440-09-7	mg/l		4000
Selenium, Total	7782-49-2	mg/l		1 J
Silver, Total	7440-22-4	mg/l		1.6
Sodium, Total	7440-23-5	mg/l		17000
Thallium, Total	7440-28-0	mg/l		0.12 J
Vanadium, Total	7440-62-2	mg/l		11
Zinc, Total	7440-66-6	mg/l		170
General				
Alkalinity	STL00171	mg/L		88
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.1 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		290
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		170

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

	11 8/8/2015 < 200 U < 1 U 0.76 J 60 < 0.4 U
	< 200 U < 1 U 0.76 J 60
	< 200 U < 1 U 0.76 J 60
	< 1 U 0.76 J 60
	< 1 U 0.76 J 60
	< 1 U 0.76 J 60
	0.76 J 60
	60
	< 0.4 U
	< 0.1 U
	66000
	< 2 U
	0.14 J
	1.6
	< 50 U
	0.2 J
	8400
	1.6 J
	< 0.2 U
	1.7
	1.8
	2200
	< 2 U
	< 1 U
	16000
	< 0.2 U
	0.36 J
	< 20 U
	1200
	5000
	1.4
	10
	110
	0.3 J
	0.35
	70000
	1.8 J
	1.3
	43
	14000
	200
1	9600
	230
	< 0.2 U
	3.7 2.3

Potassium, Total	7440-09-7	mg/l	 3800
Selenium, Total	7782-49-2	mg/l	 0.83 J
Silver, Total	7440-22-4	mg/l	 1.4
Sodium, Total	7440-23-5	mg/l	 17000
Thallium, Total	7440-28-0	mg/l	 0.11 J
Vanadium, Total	7440-62-2	mg/l	 10
Zinc, Total	7440-66-6	mg/l	 160
General			
Alkalinity	STL00171	mg/L	 90
Chloride	16887-00-6	mg/L	
Fluoride	16984-48-8	mg/L	
Nitrate as N	14797-55-8	mg/L	
рН	STL00204	SU	 8.1 HF
Sulfate	14808-79-8	mg/L	
Total Dissolved Solids	STL00242	mg/L	 290
Total Hardness	STL00009	mg/L	 210
Total Suspended Solids	STL00161	mg/L	 150

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-FD
					Sample ID	LVW-FD-150808-11
					Date Date	8/8/2015
Analyte	CAS.NO	Unite			Date	0,0,2015
Allalyte	CASINO	Omits	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			390
Antimony, Dissolved	7440-36-0	-				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.76 J
Barium, Dissolved	7440-39-3		33000			81
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				52000
Chromium, Dissolved	7440-47-3		210000	100		< 2 U
Cobalt, Dissolved	7440-48-4		50			0.23 J
Copper, Dissolved	7440-50-8		6700	100		1.7
ron, Dissolved	7439-89-6		120000			220
Lead, Dissolved	7439-92-1	mg/l	200	100		0.5
Magnesium, Dissolved	7439-95-4					6600
Manganese, Dissolved	7439-96-5		7800	200		20
Mercury, Dissolved	7439-97-6					< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.8
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.8
Potassium, Dissolved	7440-09-7	mg/l				2500
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4					< 1 U
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.73 J
Zinc, Dissolved	7440-66-6		50000			< 20 U
Metals, Total		- Ji				
Aluminum, Total	7429-90-5	mg/l				22000
Antimony, Total	7440-36-0					0.64 J
Arsenic, Total	7440-38-2					14
Barium, Total	7440-39-3					370
Beryllium, Total	7440-41-7					1.2
Cadmium, Total	7440-43-9					0.34
Calcium, Total	7440-70-2					64000
Chromium, Total	7440-47-3					12
Cobalt, Total	7440-48-4					8.3
Copper, Total	7440-50-8					55
ron, Total	7439-89-6					30000
Lead, Total	7439-92-1	mg/l				240
Magnesium, Total	7439-95-4					11000
Manganese, Total	7439-96-5					530
Mercury, Total	7439-97-6					0.089 J
Molybdenum, Total	7439-98-7					3.4
Nickel, Total	7440-02-0	mg/l				12

Potassium, Total	7440-09-7	mg/l		7000
Selenium, Total	7782-49-2	mg/l		1.4 J
Silver, Total	7440-22-4	mg/l		1.6
Sodium, Total	7440-23-5	mg/l		22000
Thallium, Total	7440-28-0	mg/l		0.29
Vanadium, Total	7440-62-2	mg/l		34
Zinc, Total	7440-66-6	mg/l		160
General				
Alkalinity	STL00171	mg/L		83
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.03 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		910

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-WPI
					Sample ID	11
					Date	8/8/2015
Analyte	CAS.NO	Linite			Date	8/8/2013
Allalyte	CAS.NO	Units	Recreationa	Agricultur	<u> </u>	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000		I I	270
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.76 J
Barium, Dissolved	7440-39-3		33000			70
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				51000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.18 J
Copper, Dissolved	7440-50-8		6700	100		1.5
ron, Dissolved	7439-89-6	mg/l	120000			150
Lead, Dissolved	7439-92-1	mg/l	200	100		0.36
Magnesium, Dissolved	7439-95-4	mg/l				6500
Manganese, Dissolved	7439-96-5		7800	200		3.5
Mercury, Dissolved	7439-97-6	-				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.8
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.5
Potassium, Dissolved	7440-09-7	mg/l				2500
Selenium, Dissolved	7782-49-2			20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				19000
Thallium, Dissolved	7440-28-0		1.7			0.15 J
Vanadium, Dissolved	7440-62-2	mg/l	830			0.68 J
Zinc, Dissolved	7440-66-6		50000			< 20 U
Metals, Total	1					
Aluminum, Total	7429-90-5	mg/l				29000
Antimony, Total	7440-36-0	٠,				1.2
Arsenic, Total	7440-38-2					15
Barium, Total	7440-39-3					400
Beryllium, Total	7440-41-7					1.5
Cadmium, Total	7440-43-9					0.45
Calcium, Total	7440-70-2	mg/l				67000
Chromium, Total	7440-47-3					17
Cobalt, Total	7440-48-4	mg/l				10
Copper, Total	7440-50-8					58
ron, Total	7439-89-6					36000
Lead, Total	7439-92-1					240
Magnesium, Total	7439-95-4					12000
Manganese, Total	7439-96-5					620
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				4.4
Nickel, Total	7440-02-0					14

Potassium, Total	7440-09-7	mg/l		8400
Selenium, Total	7782-49-2	mg/l		1 J
Silver, Total	7440-22-4	mg/l		1.5
Sodium, Total	7440-23-5	mg/l		21000
Thallium, Total	7440-28-0	mg/l		0.37
Vanadium, Total	7440-62-2	mg/l		46
Zinc, Total	7440-66-6	mg/l		170
General				
Alkalinity	STL00171	mg/L		83
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.02 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		270
Total Hardness	STL00009	mg/L		220
Total Suspended Solids	STL00161	mg/L		1100

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	MWSS-ARI
					Sample ID	11
					Date	8/8/2015
Analyte	CAS.NO	Units			Date	
	CLIDATO		Recreationa	Agricultui	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.52 J
Barium, Dissolved	7440-39-3	mg/l	33000			57
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				67000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.15 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.6
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
ead, Dissolved	7439-92-1	mg/l	200	100		0.23 J
Magnesium, Dissolved	7439-95-4	mg/l				8600
Manganese, Dissolved	7439-96-5	mg/l	7800	200		4.3
Mercury, Dissolved	7439-97-6					< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.7
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.9
otassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5					16000
Γhallium, Dissolved	7440-28-0		1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3 J
Zinc, Dissolved	7440-66-6		50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				4600
Antimony, Total	7440-36-0					1.5
Arsenic, Total	7440-38-2					11
Barium, Total	7440-39-3					110
Beryllium, Total	7440-41-7					0.29 J
Cadmium, Total	7440-43-9					0.51
Calcium, Total	7440-70-2					68000
Chromium, Total	7440-47-3					1.8 J
Cobalt, Total	7440-48-4					1.3
Copper, Total	7440-50-8					46
ron, Total	7439-89-6					14000
_ead, Total	7439-92-1					210
Magnesium, Total	7439-95-4					9200
Manganese, Total	7439-96-5					230
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				3.9
Nickel, Total	7440-02-0	mg/l				2.2

Potassium, Total	7440-09-7	mg/l		3600
Selenium, Total	7782-49-2	mg/l		0.69 J
Silver, Total	7440-22-4	mg/l		1.5
Sodium, Total	7440-23-5	mg/l		16000
Thallium, Total	7440-28-0	mg/l		0.11 J
Vanadium, Total	7440-62-2	mg/l		10
Zinc, Total	7440-66-6	mg/l		170
General			-1	
Alkalinity	STL00171	mg/L		89
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.12 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		290
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		150

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1 Surfacewater Analytical Data - Region 6 Upper Animas River

					Location	NSW-ARI
					Sample ID	NSW-ARI-150808-11
					Date	8/8/2015
Analista	CAS.NO	Unite			Date	8/8/2013
Analyte	CA5.NU	Units	Recreationa	Agricultur		
Metals, Dissolved			IRSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0					<1U
Arsenic, Dissolved	7440-38-2		50	100		0.62 J
Barium, Dissolved	7440-39-3		33000			52
Beryllium, Dissolved	7440-41-7		330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.1 U
Calcium, Dissolved	7440-70-2					58000
Chromium, Dissolved	7440-47-3		210000	100		< 2 U
Cobalt, Dissolved	7440-48-4		50			0.12 J
Copper, Dissolved	7440-50-8		6700	100		1.5
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
Lead, Dissolved	7439-92-1		200	100		0.15 J
Magnesium, Dissolved	7439-95-4	mg/l				7900
Manganese, Dissolved	7439-96-5	mg/l	7800	200		5.4
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				<1U
Sodium, Dissolved	7440-23-5	mg/l				12000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			< 1 U
Zinc, Dissolved	7440-66-6	mg/l	50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				2200
Antimony, Total	7440-36-0	mg/l				0.93 J
Arsenic, Total	7440-38-2	mg/l				6.1
Barium, Total	7440-39-3	-				80
Beryllium, Total	7440-41-7					0.16 J
Cadmium, Total	7440-43-9	mg/l				0.38
Calcium, Total	7440-70-2					63000
Chromium, Total	7440-47-3	-				< 2 U
Cobalt, Total	7440-48-4					0.78
Copper, Total	7440-50-8					29
ron, Total	7439-89-6					8300
Lead, Total	7439-92-1					110
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5					170
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7					2.5
Nickel, Total	7440-02-0	mg/l				1.7

Potassium, Total	7440-09-7	mg/l		3000
Selenium, Total	7782-49-2	mg/l		0.61 J
Silver, Total	7440-22-4	mg/l		0.8 J
Sodium, Total	7440-23-5	mg/l		13000
Thallium, Total	7440-28-0	mg/l		< 0.2 U
Vanadium, Total	7440-62-2	mg/l		5.5
Zinc, Total	7440-66-6	mg/l		130
General				
Alkalinity	STL00171	mg/L		99
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.12 HF
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		270
Total Hardness	STL00009	mg/L		190
Total Suspended Solids	STL00161	mg/L		71

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

				11.0	Location	ADW-010
					Sample ID	ADW-010-150809-11
Analyte					Date	8/9/2015
	CAS.NO	Units			Date	8/3/2013
Analyce	CASAIO	Omics	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				63000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.9
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.18
Magnesium, Dissolved	7439-95-4	mg/l				8700
Manganese, Dissolved	7439-96-5	mg/l	7800	200		9.3
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.1
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.99
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5	mg/l				14000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3
Zinc, Dissolved	7440-66-6	mg/l	50000			29
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				440
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				1.3
Barium, Total	7440-39-3	mg/l				70
Beryllium, Total	7440-41-7	mg/l				0.15
Cadmium, Total	7440-43-9	mg/l				0.19
Calcium, Total	7440-70-2	mg/l				64000
Chromium, Total	7440-47-3	mg/l				1
Cobalt, Total	7440-48-4	mg/l				0.42
Copper, Total	7440-50-8	mg/l				9.2
ron, Total	7439-89-6	mg/l				1800
Lead, Total	7439-92-1	mg/l				14
Magnesium, Total	7439-95-4	mg/l				8600
Manganese, Total	7439-96-5	mg/l				120
Mercury, Total	7439-97-6	mg/l				0.08 U
Molybdenum, Total	7439-98-7	mg/l				0.86
Nickel, Total	7440-02-0	mg/l				1

Potassium, Total	7440-09-7	mg/l		2300
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		14000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.6
Zinc, Total	7440-66-6	mg/l		63
General				
Alkalinity	STL00171	mg/L		91
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.09
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		190
Total Suspended Solids	STL00161	mg/L		260

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-021
						ADW-021-150809-11
					Sample ID	1
	CLONO				Date	8/9/2015
Analyte	CAS.NO	Units		A		
Metals, Dissolved			Recreationa 1 RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			59
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					63000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8	+	6700	100		1.8
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.076
Magnesium, Dissolved	7439-95-4		233	100		8600
Manganese, Dissolved	7439-96-5		7800	200		8.9
Mercury, Dissolved	7439-97-6		7555	200		0.08 U
Molybdenum, Dissolved	7439-98-7					1
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7		330	200		2100
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4			20		0.1
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			9.1
Metals, Total	7440 00 0	1116/1	30000			J.1
Aluminum, Total	7429-90-5	mg/l				400
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.3
Barium, Total	7440-38-2					70
Beryllium, Total	7440-33-3					0.15
Cadmium, Total	7440-41-7					0.13
Calcium, Total	7440-70-2					65000
Chromium, Total	7440-70-2					1
Cobalt, Total	7440-47-3					0.39
Copper, Total	7440-50-8					8.6
ron, Total	7439-89-6					1600
Lead, Total	7439-83-0					14
Magnesium, Total	7439-92-1					8700
Manganese, Total	7439-93-4					110
	_					
	_					
Mercury, Total Molybdenum, Total Nickel, Total	7439-97-6 7439-98-7 7440-02-0	mg/l			 	0.08 U 0.91 1

Potassium, Total	7440-09-7	mg/l		2200
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		13000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.4
Zinc, Total	7440-66-6	mg/l		60
General				
Alkalinity	STL00171	mg/L		85
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		7.67
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		160
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		160

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-022
						ADW-022-150809-11
					Sample ID	
Anches	CACNO	l lades			Date	8/9/2015
Analyte	CAS.NO	Units	Recreationa	Agricultur	<u>.</u>	
Metals, Dissolved			IRSL	Agricului e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			37
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2	<u> </u>	50	100		0.37
Barium, Dissolved	7440-39-3		33000			61
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					62000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8		6700	100		2
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.33
Magnesium, Dissolved	7439-95-4					8300
Manganese, Dissolved	7439-96-5		7800	200		14
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					0.98
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7					2100
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					12000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6	mg/l	50000			5.9
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				780
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				1.7
Barium, Total	7440-39-3	mg/l				71
Beryllium, Total	7440-41-7	mg/l				0.15
Cadmium, Total	7440-43-9	mg/l				0.18
Calcium, Total	7440-70-2	mg/l				62000
Chromium, Total	7440-47-3	mg/l				1
Cobalt, Total	7440-48-4	mg/l				0.44
Copper, Total	7440-50-8	mg/l				10
ron, Total	7439-89-6	mg/l				2400
Lead, Total	7439-92-1	mg/l				34
Magnesium, Total	7439-95-4	mg/l				8200
Manganese, Total	7439-96-5	mg/l				98
Mercury, Total	7439-97-6	mg/l				0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.2
Nickel, Total	7440-02-0	mg/l				1.1

Potassium, Total	7440-09-7	mg/l	-	-	2200
Selenium, Total	7782-49-2	mg/l	-	-	2
Silver, Total	7440-22-4	mg/l	-	-	0.21
Sodium, Total	7440-23-5	mg/l	-	-	11000
Thallium, Total	7440-28-0	mg/l	-	-	0.1
Vanadium, Total	7440-62-2	mg/l	-	-	1.9
Zinc, Total	7440-66-6	mg/l	_	-	58
General					
Alkalinity	STL00171	mg/L	-	-	88
Chloride	16887-00-6	mg/L	-	•	
Fluoride	16984-48-8	mg/L	-	-	
Nitrate as N	14797-55-8	mg/L	-	-	
рΗ	STL00204	SU	-	-	8.16
Sulfate	14808-79-8	mg/L	-	-	
Total Dissolved Solids	STL00242	mg/L	-	-	250
Total Hardness	STL00009	mg/L	-	-	190
Total Suspended Solids	STL00161	mg/L	-	-	250

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FW-012
					Sample ID	FW-012-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Units			7-11-1	
•	Musta - 53.55 - 53.55	k	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			46
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			62
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				68000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8	+	6700	100		2.1
ron, Dissolved	7439-89-6		120000			34
Lead, Dissolved	7439-92-1	+	200	100		0.84
Magnesium, Dissolved	7439-95-4					8900
Manganese, Dissolved	7439-96-5		7800	200		13
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		0.87
Potassium, Dissolved	7440-09-7					2200
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			15
Metals, Total	17440-00-0	1118/1	30000			15
Aluminum, Total	7429-90-5	mg/l				1300
Antimony, Total	7440-36-0					0.45
Arsenic, Total	7440-38-2					2.2
Barium, Total	7440-38-2					80
Beryllium, Total	7440-39-3					0.15
Cadmium, Total	7440-41-7	-				0.13
Calcium, Total						68000
, , , , , , , , , , , , , , , , , , ,	7440-70-2					1
Chromium, Total	7440-47-3					0.62
Cobalt, Total	7440-48-4					
Copper, Total	7440-50-8	-				12
ron, Total	7439-89-6	<u> </u>				3200
Lead, Total	7439-92-1					41
Magnesium, Total	7439-95-4					9100
Manganese, Total	7439-96-5					120
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.6
Nickel, Total	7440-02-0	mg/l				1.4

Potassium, Total	7440-09-7	mg/l		2500
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.27
Sodium, Total	7440-23-5	mg/l		16000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		2.6
Zinc, Total	7440-66-6	mg/l		63
General				
Alkalinity	STL00171	mg/L		94
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.26
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		290
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		290

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FW-040
Analyte					Sample ID	FW-040-150809-11
					Date	8/9/2015
	CAS.NO	Units			2,00	
The second secon	4 55550	l.	Recreationa	Agricultur	•	CHARLES AND THE SECRET OF THE
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			66
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				70000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8		6700	100		4.3
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1		200	100		0.19
Magnesium, Dissolved	7439-95-4					9200
Manganese, Dissolved	7439-96-5		7800	200		6.6
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		2.3
Potassium, Dissolved	7440-09-7					2300
Selenium, Dissolved	7782-49-2	-		20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5	-				16000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			86
Metals, Total	1	- 3/				
Aluminum, Total	7429-90-5	mg/l				510
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.6
Barium, Total	7440-39-3					80
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9	-				0.19
Calcium, Total	7440-70-2	-				69000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.58
Copper, Total	7440-50-8	-				10
ron, Total	7439-89-6					1900
Lead, Total	7439-92-1	<u> </u>				14
Magnesium, Total	7439-95-4					8800
Manganese, Total	7439-96-5					160
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-97-0	mg/l				0.08 0
Nickel, Total	7440-02-0					1.2

Potassium, Total	7440-09-7	mg/l		2200
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		16000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.8
Zinc, Total	7440-66-6	mg/l		71
General				
Alkalinity	STL00171	mg/L		110
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.15
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		280
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		280

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-020
					Sample ID	LVW-020-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Unite			Date	8/3/2013
Analyte	CAS.NO	UIIILS	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.78
Barium, Dissolved	7440-39-3		33000			73
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					54000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.13
Copper, Dissolved	7440-50-8		6700	100		1.7
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.085
Magnesium, Dissolved	7439-95-4	mg/l				7100
Manganese, Dissolved	7439-96-5	mg/l	7800	200		3.9
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.5
Nickel, Dissolved	7440-02-0	+	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2400
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.6
Zinc, Dissolved	7440-66-6	mg/l	50000			66
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				3200
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				2.4
Barium, Total	7440-39-3	mg/l				170
Beryllium, Total	7440-41-7	mg/l				0.65
Cadmium, Total	7440-43-9	mg/l				0.15
Calcium, Total	7440-70-2	mg/l				63000
Chromium, Total	7440-47-3	mg/l				1.3
Cobalt, Total	7440-48-4					3.2
Copper, Total	7440-50-8	mg/l				12
ron, Total	7439-89-6					2400
Lead, Total	7439-92-1					11
Magnesium, Total	7439-95-4					8000
Manganese, Total	7439-96-5					340
Mercury, Total	7439-97-6	mg/l				0.08 U
Molybdenum, Total	7439-98-7					0.7
Nickel, Total	7440-02-0	mg/l				3.4

Potassium, Total	7440-09-7	mg/l			3100
Selenium, Total	7782-49-2	mg/l			2
Silver, Total	7440-22-4	mg/l			0.1
Sodium, Total	7440-23-5	mg/l			19000
Thallium, Total	7440-28-0	mg/l			0.1
Vanadium, Total	7440-62-2	mg/l			6.8
Zinc, Total	7440-66-6	mg/l		1	45
General					
Alkalinity	STL00171	mg/L			96
Chloride	16887-00-6	mg/L			
Fluoride	16984-48-8	mg/L		1	
Nitrate as N	14797-55-8	mg/L		-	
рΗ	STL00204	SU			8.08
Sulfate	14808-79-8	mg/L			
Total Dissolved Solids	STL00242	mg/L			200
Total Hardness	STL00009	mg/L			190
Total Suspended Solids	STL00161	mg/L			200

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-030
					Sample ID	LVW-030-150809-11
	CLCNO				Date	8/9/2015
Analyte	CAS.NO	Units		A		
Metals, Dissolved			Recreationa 1 RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			440
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.49
Barium, Dissolved	7440-39-3		33000			82
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					53000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.37
Copper, Dissolved	7440-50-8		6700	100		2.4
ron, Dissolved	7439-89-6		120000			290
Lead, Dissolved	7439-92-1		200	100		1.1
Magnesium, Dissolved	7439-95-4		233	100		6900
Manganese, Dissolved	7439-96-5		7800	200		23
Mercury, Dissolved	7439-97-6		7000	200		0.08 U
Molybdenum, Dissolved	7439-98-7					1.3
Nickel, Dissolved	7440-02-0		330	200		1.6
Potassium, Dissolved	7440-09-7	-	330	200		2500
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4			20		0.1
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			1.4
Zinc, Dissolved	7440-66-6		50000			48
Metals, Total	7440 00 0	1118/1	30000			10
Aluminum, Total	7429-90-5	mg/l				4300
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2	mg/l				2.6
Barium, Total	7440-38-2					200
Beryllium, Total	7440-33-3					0.94
Cadmium, Total	7440-41-7					0.19
Calcium, Total	7440-43-3					67000
Chromium, Total	7440-70-2					2.2
Cobalt, Total	7440-47-3	-				4.5
Copper, Total	7440-50-8					15
ron, Total	7439-89-6					3100
Lead, Total	7439-83-0					13
Magnesium, Total	7439-92-1					8300
Manganese, Total	7439-93-4					470
Mercury, Total	7439-90-3					0.08 U
Molybdenum, Total	7439-97-6	mg/l				0.58
Nickel, Total	7440-02-0					4.4

Potassium, Total	7440-09-7	mg/l		3400
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		20000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		9.6
Zinc, Total	7440-66-6	mg/l		49
General				
Alkalinity	STL00171	mg/L		90
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.08
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		130
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		130

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	MW-020
and the					Sample ID	MW-020-150809-11
			-			
	CLONO				Date	8/9/2015
Analyte	CAS.NO	Units		A		
Metals, Dissolved			Recreationa I RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			31
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			63
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					68000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8	+	6700	100		2.1
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.13
Magnesium, Dissolved	7439-95-4	<u> </u>				9000
Manganese, Dissolved	7439-96-5		7800	200		11
Mercury, Dissolved	7439-97-6		, 333	200		0.08 U
Molybdenum, Dissolved	7439-98-7					2.1
Nickel, Dissolved	7440-02-0		330	200		1.1
Potassium, Dissolved	7440-09-7		330	200		2300
Selenium, Dissolved	7782-49-2	-		20		2
Silver, Dissolved	7440-22-4			20		0.1
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			25
Metals, Total	7440 00 0	1116/1	30000			
Aluminum, Total	7429-90-5	mø/l				500
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.6
Barium, Total	7440-39-3					76
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.12
Calcium, Total	7440-70-2					68000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.47
Copper, Total	7440-50-8					9.5
ron, Total	7439-89-6					1800
Lead, Total	7439-92-1					15
Magnesium, Total	7439-95-4					8900
Manganese, Total	7439-96-5					130
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					0.98
Nickel, Total	7440-02-0					1.3

Potassium, Total	7440-09-7	mg/l		2300
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.6
Zinc, Total	7440-66-6	mg/l		63
General			•	
Alkalinity	STL00171	mg/L		95
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.31
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		210
Total Suspended Solids	STL00161	mg/L		260

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	NSW-020
Analyte					Sample ID	NSW-020-150809-11
					Date	8/9/2015
	CAS.NO	Units			Date	0/3/2013
Allulyte	CASATO	Omes	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			28
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					63000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.3
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.38
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		10
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					0.96
Nickel, Dissolved	7440-02-0		330	200		1.1
Potassium, Dissolved	7440-09-7					2200
Selenium, Dissolved	7782-49-2	-		20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					12000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			12
Metals, Total		- 0,		1		
Aluminum, Total	7429-90-5	mg/l				860
Antimony, Total	7440-36-0					0.41
Arsenic, Total	7440-38-2					2
Barium, Total	7440-39-3					73
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.13
Calcium, Total	7440-70-2					63000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.6
Copper, Total	7440-50-8					11
ron, Total	7439-89-6					2700
Lead, Total	7439-92-1					37
Magnesium, Total	7439-95-4					8400
Manganese, Total	7439-96-5					110
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.3
Nickel, Total	7440-02-0					1.1

Potassium, Total	7440-09-7	mg/l		2300
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.27
Sodium, Total	7440-23-5	mg/l		12000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		2.2
Zinc, Total	7440-66-6	mg/l		63
General				
Alkalinity	STL00171	mg/L		91
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.14
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		190
Total Suspended Solids	STL00161	mg/L		260

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-010
						ADW-010-150810-11
					Sample ID	
	a.c.vo				Date	8/10/2015
Analyte	CAS.NO	Units		A I/		
Metals, Dissolved			Recreationa 1 RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			49
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			57
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					59000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8	+	6700	100		2.3
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.15
Magnesium, Dissolved	7439-95-4					8300
Manganese, Dissolved	7439-96-5		7800	200		16
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		0.97
Potassium, Dissolved	7440-09-7					2100
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					14000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			3.2
Metals, Total		- 0,				
Aluminum, Total	7429-90-5	mg/l				400
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.69
Barium, Total	7440-39-3					64
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.043
Calcium, Total	7440-70-2					60000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.28
Copper, Total	7440-50-8					5.3
ron, Total	7439-89-6					720
Lead, Total	7439-92-1					9.3
Magnesium, Total	7439-95-4					8500
Manganese, Total	7439-96-5					70
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.2
Nickel, Total	7440-02-0					1.2

Potassium, Total	7440-09-7	mg/l		2100
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		14000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		0.91
Zinc, Total	7440-66-6	mg/l		30
General				
Alkalinity	STL00171	mg/L		83
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.15
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		180
Total Suspended Solids	STL00161	mg/L		260

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-021
Analyte					Sample ID Date	ADW-021-150810-11 8/10/2015
	CAS.NO	Units			Date	0/10/2013
Allalyte	CASINO	Omics	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			45
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			57
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					60000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.13
Copper, Dissolved	7440-50-8		6700	100		3.4
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.12
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		13
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.1
Nickel, Dissolved	7440-02-0		330	200		2.9
Potassium, Dissolved	7440-09-7					2100
Selenium, Dissolved	7782-49-2	-		20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			3.3
Metals, Total		<u> </u>				
Aluminum, Total	7429-90-5	mg/l				0.4
Antimony, Total	7440-36-0					0.81
Arsenic, Total	7440-38-2					65
Barium, Total	7440-39-3					0.15
Beryllium, Total	7440-41-7					0.078
Cadmium, Total	7440-43-9					61000
Calcium, Total	7440-70-2					1
Chromium, Total	7440-47-3					0.26
Cobalt, Total	7440-48-4					5.3
Copper, Total	7440-50-8					760
ron, Total	7439-89-6					9.8
Lead, Total	7439-92-1	<u> </u>				8700
Magnesium, Total	7439-95-4					63
Manganese, Total	7439-96-5					1.1
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1
Nickel, Total	7440-02-0					2100

Potassium, Total	7440-09-7	mg/l		0.58
Selenium, Total	7782-49-2	mg/l		0.1
Silver, Total	7440-22-4	mg/l		13000
Sodium, Total	7440-23-5	mg/l		0.1
Thallium, Total	7440-28-0	mg/l		0.9
Vanadium, Total	7440-62-2	mg/l		29
Zinc, Total	7440-66-6	mg/l		
General				
Alkalinity	STL00171	mg/L		90
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.15
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		190
Total Suspended Solids	STL00161	mg/L		260

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-021
Ozabeta						ADW-021-150810-12
					Sample ID	
	CLONO				Date	8/10/2015
Analyte	CAS.NO	Units		A 14		
Metals, Dissolved			Recreationa I RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			57
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			60
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					60000
Chromium, Dissolved	7440-47-3		210000	100		1.3
Cobalt, Dissolved	7440-48-4		50			0.13
Copper, Dissolved	7440-50-8	+	6700	100		2.2
ron, Dissolved	7439-89-6		120000	1		34
Lead, Dissolved	7439-92-1		200	100		0.46
Magnesium, Dissolved	7439-95-4		233	100		8500
Manganese, Dissolved	7439-96-5		7800	200		15
Mercury, Dissolved	7439-97-6		7000	200		0.08 U
Molybdenum, Dissolved	7439-98-7					1.3
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7		330	200		2000
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4			20		0.1
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			0.5
Metals, Total	7++0-00-0	1116/1				
Aluminum, Total	7429-90-5	mg/l				300
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.37
Barium, Total	7440-39-3					62
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-41-7					0.13
Calcium, Total	7440-43-3					60000
Chromium, Total	7440-70-2					1
Cobalt, Total	7440-47-3					0.23
Copper, Total	7440-48-4					4.8
ron, Total	7440-30-8					610
Lead, Total	7439-83-0					8.3
Magnesium, Total	7439-92-1					8500
	_					
Manganese, Total Mercury, Total Molybdenum, Total Nickel, Total	7439-96-5 7439-97-6 7439-98-7 7440-02-0	mg/l mg/l mg/l			 	52 0.08 U 1.1 0.93

Potassium, Total	7440-09-7	mg/l		 2100
Selenium, Total	7782-49-2	mg/l		 0.58
Silver, Total	7440-22-4	mg/l		 0.1
Sodium, Total	7440-23-5	mg/l		 13000
Thallium, Total	7440-28-0	mg/l		 0.1
Vanadium, Total	7440-62-2	mg/l		 0.76
Zinc, Total	7440-66-6	mg/l		 26
General				
Alkalinity	STL00171	mg/L		 89
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		 8.11
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		 240
Total Hardness	STL00009	mg/L		 180
Total Suspended Solids	STL00161	mg/L		 240

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

CAS.NO				Location	T
CAS.NO				Sample ID	ADW-022-150810-11 8/10/2015
CAS.NO	POSTER DE L'ANGE				
CAS.NU				Date	
	Units		A and an Ideas		
		Recreationa 1 RSL	Agricultur		
7429-90-5	mg/l				39
					0.4
		50	100		0.37
					62
			100		0.15
					0.043
					63000
		210000	100		1
					0.12
			100		3.3
					17
			100		0.15
-		200	100		8600
		7800	200		14
.	-	7000	200		0.08 U
					1.1
		330	200		1.4
		330	200		2100
			20		0.58
			20		0.1
					13000
		1 7			0.1
					0.3
					2.9
7 4 10 00 0	1116/1	30000			2.3
7429-90-5	mg/l				310
					0.4
					0.42
					65
					0.15
-	-				0.059
					62000
					1
					0.24
					4.8
					640
					8.5
					8500
					53
					0.031
					0.031
					0.92
	7440-36-0 7440-38-2 7440-43-9 7440-43-9 7440-47-3 7440-48-4 7440-50-8 7439-95-6 7439-98-7 7440-23-5 7440-23-5 7440-23-5 7440-23-5 7440-28-0 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2	7440-39-3 mg/l 7440-41-7 mg/l 7440-43-9 mg/l 7440-70-2 mg/l 7440-47-3 mg/l 7440-48-4 mg/l 7440-50-8 mg/l 7439-89-6 mg/l 7439-92-1 mg/l 7439-95-4 mg/l 7439-96-5 mg/l 7439-97-6 mg/l	7429-90-5 mg/l 170000 7440-36-0 mg/l 50 7440-39-3 mg/l 33000 7440-41-7 mg/l 330 7440-43-9 mg/l 83 7440-47-3 mg/l 210000 7440-48-4 mg/l 50 7440-48-4 mg/l 50 7440-50-8 mg/l 6700 7439-89-6 mg/l 120000 7439-95-1 mg/l 200 7439-95-4 mg/l 7800 7439-95-5 mg/l 7800 7439-97-6 mg/l 7800 7439-98-7 mg/l 7800 7440-02-0 mg/l 330 7440-09-7 mg/l 330 7440-22-4 mg/l 1.7 7440-23-5 mg/l 1.7 7440-22-4 mg/l 50000 7429-90-5 mg/l 50000 7440-38-2 mg/l 7440-38-2 mg/l 7440-39-3	7429-90-5 mg/l 170000 7440-36-0 mg/l 17440-38-2 7440-38-2 mg/l 50 100 7440-39-3 mg/l 33000 100 7440-41-7 mg/l 330 100 7440-43-9 mg/l 83 10 7440-47-3 mg/l 210000 100 7440-48-4 mg/l 50 100 7440-50-8 mg/l 6700 100 7439-89-6 mg/l 120000 100 7439-95-1 mg/l 200 100 7439-95-3 mg/l 7800 200 7439-97-6 mg/l 7800 200 7440-02-0 mg/l 330 200 7440-02-1 mg/l 330 200 7440-02-2 mg/l 1.7 140-22-4 mg/l 7440-22-4 mg/l 1.7 140-28-0 mg/l 1.7 7440-62-2 mg/l 830 1.7 1.7	7429-90-5 mg/l 170000 7440-36-0 mg/l 7440-38-2 mg/l 50 100 7440-39-3 mg/l 33000 7440-41-7 mg/l 330 100 7440-43-9 mg/l 83 10 7440-70-2 mg/l 7440-48-4 mg/l 50 7440-50-8 mg/l 6700 100 7439-89-6 mg/l 120000 7439-98-7 mg/l 200 100 7439-95-4 mg/l 7439-95-6 mg/l 7800 200 7439-95-6 mg/l 7800 200 7439-95-7 mg/l 7440-02-0 mg/l 330 200 7440-02-0 mg/l 7440-23-5 mg/l

7440-09-7	mg/l				2100
7782-49-2	mg/l				0.58
7440-22-4	mg/l				0.1
7440-23-5	mg/l				12000
7440-28-0	mg/l				0.1
7440-62-2	mg/l				0.65
7440-66-6	mg/l			-	27
STL00171	mg/L				93
16887-00-6	mg/L				
16984-48-8	mg/L			1	
14797-55-8	mg/L			-	
STL00204	SU			-	8.28
14808-79-8	mg/L				
STL00242	mg/L			-	260
STL00009	mg/L				190
STL00161	mg/L				260
	7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-66-6 STL00171 16887-00-6 16984-48-8 14797-55-8 STL00204 14808-79-8 STL00242 STL00009	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16887-00-6 mg/L 16984-48-8 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16887-00-6 mg/L 16984-48-8 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16887-00-6 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16984-48-8 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FW-012
					Sample ID	FW-012-150810-11
				Date	8/10/2015	
Analyte	CAS.NO	Units			Date	0,10,2013
	CHOLLIO	1 4	Recreationa	Agricultur		
Metals, Dissolved			IRSL	е		
Aluminum, Dissolved	7429-90-5	mg/l	170000			36
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			58
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				63000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.4
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.073
Magnesium, Dissolved	7439-95-4	mg/l				8400
Manganese, Dissolved	7439-96-5	mg/l	7800	200		12
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.8
Potassium, Dissolved	7440-09-7	mg/l				2000
Selenium, Dissolved	7782-49-2	mg/l		20		0.58
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5	mg/l				15000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3
Zinc, Dissolved	7440-66-6	mg/l	50000			2.8
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				420
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				0.84
Barium, Total	7440-39-3	mg/l				66
Beryllium, Total	7440-41-7	mg/l				0.15
Cadmium, Total	7440-43-9					0.068
Calcium, Total	7440-70-2	mg/l				64000
Chromium, Total	7440-47-3	mg/l				1
Cobalt, Total	7440-48-4	mg/l				0.31
Copper, Total	7440-50-8	mg/l				5.4
ron, Total	7439-89-6					790
_ead, Total	7439-92-1	mg/l				9.7
Magnesium, Total	7439-95-4					8600
Manganese, Total	7439-96-5	mg/l				75
Mercury, Total	7439-97-6	mg/l				0.08 U
Molybdenum, Total	7439-98-7					1.1
Nickel, Total	7440-02-0	mg/l				1.3

Potassium, Total	7440-09-7	mg/l		2100
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1
Zinc, Total	7440-66-6	mg/l		30
General				
Alkalinity	STL00171	mg/L		87
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.16
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		270
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		270

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FW-040
			Sample ID	FW-040-150810-11		
					Date	8/10/2015
Analyte	CAS.NO	Units				3/23/23
	H MISMISSION	Company of the Compan	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			79
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				64000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.13
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.6
ron, Dissolved	7439-89-6	mg/l	120000			91
Lead, Dissolved	7439-92-1		200	100		1.5
Magnesium, Dissolved	7439-95-4	mg/l				8400
Manganese, Dissolved	7439-96-5	mg/l	7800	200		13
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		0.96
Potassium, Dissolved	7440-09-7	mg/l				2000
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					15000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			4.8
Metals, Total	1					
Aluminum, Total	7429-90-5	mg/l				480
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2	mg/l				0.37
Barium, Total	7440-39-3					70
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9	-				0.066
Calcium, Total	7440-70-2					67000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.34
Copper, Total	7440-50-8					5.9
ron, Total	7439-89-6					910
Lead, Total	7439-92-1					11
Magnesium, Total	7439-95-4					8800
Manganese, Total	7439-96-5					79
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.2
Nickel, Total	7440-02-0					1.1

Potassium, Total	7440-09-7	mg/l		2200
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		16000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1
Zinc, Total	7440-66-6	mg/l		32
General				
Alkalinity	STL00171	mg/L		90
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.22
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		290
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		290

Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-020
Analyte					Sample ID	LVW-020-150810-11 8/10/2015
					Date	
	CAS.NO	Units			Date	
rillaryte	Casaro	[Aints	Recreationa	Agricultur		
Metals, Dissolved			IRSL	е		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.48
Barium, Dissolved	7440-39-3	mg/l	33000			68
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2					50000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.4
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.11
Magnesium, Dissolved	7439-95-4					6700
Manganese, Dissolved	7439-96-5		7800	200		6.7
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.3
Nickel, Dissolved	7440-02-0		330	200		1.5
Potassium, Dissolved	7440-09-7					2200
Selenium, Dissolved	7782-49-2	-		20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					18000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.48
Zinc, Dissolved	7440-66-6		50000			2.8
Metals, Total	7440-00-0	1116/1	30000			2.0
Aluminum, Total	7429-90-5	mg/l				3500
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.3
Barium, Total	7440-38-2					120
Beryllium, Total	7440-33-3					0.29
Cadmium, Total	7440-41-7	-				0.057
Calcium, Total	7440-43-3					55000
						2.1
Chromium, Total	7440-47-3 7440-48-4					1.6
Cobalt, Total						6.2
Copper, Total	7440-50-8					
ron, Total	7439-89-6					2400
Lead, Total	7439-92-1					6.5
Magnesium, Total	7439-95-4					7600
Manganese, Total	7439-96-5					140
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.1
Nickel, Total	7440-02-0	mg/l				2.3

Potassium, Total	7440-09-7	mg/l		3000
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		18000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		5.3
Zinc, Total	7440-66-6	mg/l		20
General				
Alkalinity	STL00171	mg/L		89
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.08
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		240
Total Hardness	STL00009	mg/L		150
Total Suspended Solids	STL00161	mg/L		240

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-030
				Sam	Sample ID	LVW-030-150809-11 8/9/2015
					Date	
Analyte	CAS.NO	Units			Date	
,	CLISHIO	711110	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			440
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.49
Barium, Dissolved	7440-39-3	mg/l	33000			82
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				53000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.37
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.4
ron, Dissolved	7439-89-6	mg/l	120000			290
Lead, Dissolved	7439-92-1	mg/l	200	100		1.1
Magnesium, Dissolved	7439-95-4	mg/l				6900
Manganese, Dissolved	7439-96-5	mg/l	7800	200		23
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.6
Potassium, Dissolved	7440-09-7	mg/l				2500
Selenium, Dissolved	7782-49-2	mg/l		20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			1.4
Zinc, Dissolved	7440-66-6		50000			48
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				4300
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				2.6
Barium, Total	7440-39-3	mg/l				200
Beryllium, Total	7440-41-7	mg/l				0.94
Cadmium, Total	7440-43-9					0.19
Calcium, Total	7440-70-2					67000
Chromium, Total	7440-47-3					2.2
Cobalt, Total	7440-48-4					4.5
Copper, Total	7440-50-8					15
ron, Total	7439-89-6					3100
Lead, Total	7439-92-1					13
Magnesium, Total	7439-95-4					8300
Manganese, Total	7439-96-5					470
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				0.58
Nickel, Total	7440-02-0					4.4

Potassium, Total	7440-09-7	mg/l		3400
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		20000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		9.6
Zinc, Total	7440-66-6	mg/l		49
General				
Alkalinity	STL00171	mg/L		90
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.08
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		130
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		130

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D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-030
					Sample ID	LVW-030-150810-11 8/10/2015
					Date	
Analyte	CAS.NO	Units			Date	
rillaryte	Casaro	[Aints	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.53
Barium, Dissolved	7440-39-3	mg/l	33000			70
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				51000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.3
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1		200	100		0.069
Magnesium, Dissolved	7439-95-4	mg/l				6800
Manganese, Dissolved	7439-96-5	mg/l	7800	200		6.7
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0		330	200		1.3
Potassium, Dissolved	7440-09-7					2300
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					18000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.91
Zinc, Dissolved	7440-66-6		50000			2.8
Metals, Total		<u> </u>				
Aluminum, Total	7429-90-5	mg/l				4700
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.7
Barium, Total	7440-39-3					140
Beryllium, Total	7440-41-7					0.36
Cadmium, Total	7440-43-9	-				0.049
Calcium, Total	7440-70-2					55000
Chromium, Total	7440-47-3					2.6
Cobalt, Total	7440-48-4					2.1
Copper, Total	7440-50-8					7.3
ron, Total	7439-89-6					3100
Lead, Total	7439-92-1	<u> </u>				7.9
Magnesium, Total	7439-95-4					7600
Manganese, Total	7439-96-5					190
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.1
Nickel, Total	7440-02-0					2.8

7440-09-7	mg/l				3200
7782-49-2	mg/l				0.58
7440-22-4	mg/l				0.1
7440-23-5	mg/l				18000
7440-28-0	mg/l				0.1
7440-62-2	mg/l				7.2
7440-66-6	mg/l				25
STL00171	mg/L				89
16887-00-6	mg/L				
16984-48-8	mg/L				
14797-55-8	mg/L				
STL00204	SU				8.08
14808-79-8	mg/L				
STL00242	mg/L				240
STL00009	mg/L				170
STL00161	mg/L				240
	7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-66-6 STL00171 16887-00-6 16984-48-8 14797-55-8 STL00204 14808-79-8 STL00242 STL00009	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16887-00-6 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16887-00-6 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16887-00-6 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L	7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l STL00171 mg/L 16984-48-8 mg/L 14797-55-8 mg/L STL00204 SU 14808-79-8 mg/L STL00242 mg/L STL00009 mg/L

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U - Analyte not detected at or above MDL qualifier

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mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	MW-020
					Sample ID	MW-020-150810-11
					Date	8/10/2015
Analyte	CAS.NO	Units			2000	0/10/2020
	A 15 15 15 15 15 15 15 15 15 15 15 15 15	L	Recreationa	Agricultur	•	Management of the second programming and demand in previous second secon
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			39
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				65000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.2
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1	1	200	100		0.31
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		14
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		1.3
Potassium, Dissolved	7440-09-7					2000
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					15000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2	-	830			0.3
Zinc, Dissolved	7440-66-6		50000			3.1
Metals, Total	7440-00-0	IIIg/I	30000			3.1
Aluminum, Total	7429-90-5	mg/l				530
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.66
·						69
Barium, Total	7440-39-3					
Beryllium, Total	7440-41-7	-				0.15 0.12
Cadmium, Total	7440-43-9					
Calcium, Total	7440-70-2					66000
Chromium, Total	7440-47-3					1 0.26
Cobalt, Total	7440-48-4					0.36
Copper, Total	7440-50-8	-				6.1
ron, Total	7439-89-6					1000
Lead, Total	7439-92-1					12
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5					86
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.2
Nickel, Total	7440-02-0	mg/l				1.1

Potassium, Total	7440-09-7	mg/l		2100
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		0.98
Zinc, Total	7440-66-6	mg/l		36
General				
Alkalinity	STL00171	mg/L		89
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рН	STL00204	SU		8.11
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		270
Total Hardness	STL00009	mg/L		200
Total Suspended Solids	STL00161	mg/L		270

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1 Surfacewater Analytical Data - Region 6 Upper Animas River

					Location	NSW-020
					Sample ID	11
					Date	8/10/2015
Analyte	CAS.NO	Units				
	ALESSES NE		Recreationa	Agricultur		URANA STATE OF STATE
Metals, Dissolved			1 RSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			45
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				61000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.3
Copper, Dissolved	7440-50-8		6700	100		2.7
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.32
Magnesium, Dissolved	7439-95-4	mg/l				8500
Manganese, Dissolved	7439-96-5	mg/l	7800	200		12
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.1
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2100
Selenium, Dissolved	7782-49-2	mg/l		20		0.58
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5	mg/l				13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3
Zinc, Dissolved	7440-66-6		50000			4.3
Metals, Total	17440-00-0	1116/1				4.5
Aluminum, Total	7429-90-5	mg/l				310
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.4
Barium, Total	7440-38-2					64
Beryllium, Total	7440-39-3					0.15
Cadmium, Total	7440-41-7					0.13
,	- 					60000
Calcium, Total	7440-70-2					1
Chromium, Total	7440-47-3					
Cobalt, Total	7440-48-4	-				0.22
Copper, Total	7440-50-8	-				4.7
ron, Total	7439-89-6	mg/l				640
Lead, Total	7439-92-1	mg/l				8.6
Magnesium, Total	7439-95-4					8400
Manganese, Total	7439-96-5					45
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1
Nickel, Total	7440-02-0	mg/l				0.98

Potassium, Total	7440-09-7	mg/l		2100
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		12000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		0.74
Zinc, Total	7440-66-6	mg/l		24
General				
Alkalinity	STL00171	mg/L		99
Chloride	16887-00-6	mg/L		
Fluoride	16984-48-8	mg/L		
Nitrate as N	14797-55-8	mg/L		
рΗ	STL00204	SU		8.12
Sulfate	14808-79-8	mg/L		
Total Dissolved Solids	STL00242	mg/L		250
Total Hardness	STL00009	mg/L		180
Total Suspended Solids	STL00161	mg/L		250

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-010
					Sample ID	ADW-010-150811-11
					Date	8/11/2015
Analyte	CAS.NO	Units			Date	
Analyte	CASINO	Omits	Recreationa	Agricultur	1	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			51 J
Antimony, Dissolved	7440-36-0					< 0.4 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		< 0.37 U
Barium, Dissolved	7440-39-3		33000			62
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.043 U
Calcium, Dissolved	7440-70-2	mg/l				60000
Chromium, Dissolved	7440-47-3		210000	100		< 1 U
Cobalt, Dissolved	7440-48-4		50			0.13 J
Copper, Dissolved	7440-50-8		6700	100		3
ron, Dissolved	7439-89-6		120000			20 J
Lead, Dissolved	7439-92-1		200	100		0.61
Magnesium, Dissolved	7439-95-4					8700
Manganese, Dissolved	7439-96-5		7800	200		19
Mercury, Dissolved	7439-97-6					< 0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.9
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2			20		0.61 J B
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5	mg/l				15000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			< 0.3 U
Zinc, Dissolved	7440-66-6	mg/l	50000			5.4 J
, Metals, Total		- Ji				1
Aluminum, Total	7429-90-5	mg/l				210
Antimony, Total	7440-36-0	mg/l				< 0.4 U
Arsenic, Total	7440-38-2	mg/l				0.7 J
Barium, Total	7440-39-3					65
Beryllium, Total	7440-41-7	mg/l				< 0.15 U
Cadmium, Total	7440-43-9	mg/l				0.077 J
Calcium, Total	7440-70-2	mg/l				60000
Chromium, Total	7440-47-3	mg/l				< 1 U
Cobalt, Total	7440-48-4	mg/l				0.23 J
Copper, Total	7440-50-8					4.3
ron, Total	7439-89-6					410
Lead, Total	7439-92-1					5.2
Magnesium, Total	7439-95-4					8600
Manganese, Total	7439-96-5					59
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.1
Nickel, Total	7440-02-0	mg/l				0.93 J

Potassium, Total	7440-09-7	mg/l	2300
 	_		
Selenium, Total	7782-49-2	mg/l	 0.72 J B
Silver, Total	7440-22-4	mg/l	 < 0.1 U
Sodium, Total	7440-23-5	mg/l	 15000
Thallium, Total	7440-28-0	mg/l	 < 0.1 U
Vanadium, Total	7440-62-2	mg/l	 0.56 J
Zinc, Total	7440-66-6	mg/l	 22
General			
Alkalinity	STL00171	mg/L	 83
Chloride	16887-00-6	mg/L	 12
Fluoride	16984-48-8	mg/L	 0.33
Nitrate as N	14797-55-8	mg/L	 < 0.023 U H
рΗ	STL00204	SU	 8.22 HF
Sulfate	14808-79-8	mg/L	 93
Total Dissolved Solids	STL00242	mg/L	 240
Total Hardness	STL00009	mg/L	 190
Total Suspended Solids	STL00161	mg/L	 58

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-021
					Sample ID	ADW-021-150811-11
					Date	8/11/2015
	10,000					
Analyte	CAS.NO		D .:			
Metals, Dissolved			Recreationa 1 RSL	ı Agricultui e	•	
Aluminum, Dissolved	7429-90-5	mg/l	170000			36 J
Antimony, Dissolved	7440-36-0					< 0.4 U
Arsenic, Dissolved	7440-38-2		50	100		< 0.37 U
Barium, Dissolved	7440-39-3		33000			62
Beryllium, Dissolved	7440-41-7		330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.043 U
Calcium, Dissolved	7440-70-2					61000
Chromium, Dissolved	7440-47-3		210000	100		< 1 U
Cobalt, Dissolved	7440-48-4		50			0.12 J
Copper, Dissolved	7440-50-8		6700	100		2.7
ron, Dissolved	7439-89-6		120000			< 17 U
Lead, Dissolved	7439-92-1		200	100		0.18 J
Magnesium, Dissolved	7439-95-4					8900
Manganese, Dissolved	7439-96-5		7800	200		13
Mercury, Dissolved	7439-97-6					< 0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2			20		1.2 J B
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5					14000
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			< 0.3 U
Zinc, Dissolved	7440-66-6		50000			4.6 J
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				190 J
Antimony, Total	7440-36-0					< 0.4 U
Arsenic, Total	7440-38-2					0.58 J
Barium, Total	7440-39-3					63
Beryllium, Total	7440-41-7					< 0.15 U
Cadmium, Total	7440-43-9					0.099 J
Calcium, Total	7440-70-2					59000
Chromium, Total	7440-47-3					< 1 U
Cobalt, Total	7440-48-4					0.22 J
Copper, Total	7440-50-8					4.3
ron, Total	7439-89-6					400
Lead, Total	7439-92-1					5.1
Magnesium, Total	7439-95-4					8500
Manganese, Total	7439-96-5					53
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7					0.98 J
Nickel, Total	7440-02-0					1.1

Potassium, Total	7440-09-7	mg/l	 2200
Selenium, Total	7782-49-2	mg/l	 < 0.58 U
Silver, Total	7440-22-4	mg/l	 < 0.1 U
Sodium, Total	7440-23-5	mg/l	 13000
Thallium, Total	7440-28-0	mg/l	 < 0.1 U
Vanadium, Total	7440-62-2	mg/l	 0.45 J
Zinc, Total	7440-66-6	mg/l	 23
General			
Alkalinity	STL00171	mg/L	 99
Chloride	16887-00-6	mg/L	 12
Fluoride	16984-48-8	mg/L	 0.33
Nitrate as N	14797-55-8	mg/L	 0.042 J
рΗ	STL00204	SU	 8.23 HF
Sulfate	14808-79-8	mg/L	 89
Total Dissolved Solids	STL00242	mg/L	 250
Total Hardness	STL00009	mg/L	 180
Total Suspended Solids	STL00161	mg/L	 30

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	ADW-022
					Sample ID	ADW-022-150811-11 8/11/2015
					Date	
Analyte	CAS.NO	Units				
***************************************	<u> </u>	k	Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			39 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.4 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		< 0.37 U
Barium, Dissolved	7440-39-3	mg/l	33000			70
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.043 U
Calcium, Dissolved	7440-70-2	mg/l				65000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 1 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.13 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.9
ron, Dissolved	7439-89-6	mg/l	120000			< 17 U
Lead, Dissolved	7439-92-1		200	100		0.38
Magnesium, Dissolved	7439-95-4					8900
Manganese, Dissolved	7439-96-5	mg/l	7800	200		19
Mercury, Dissolved	7439-97-6	mg/l				< 0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.1
Nickel, Dissolved	7440-02-0		330	200		1.3
Potassium, Dissolved	7440-09-7					2300
Selenium, Dissolved	7782-49-2	-		20		0.91 J B
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			< 0.3 U
Zinc, Dissolved	7440-66-6		50000			75
, Metals, Total	1	<u> </u>				
Aluminum, Total	7429-90-5	mg/l				620
Antimony, Total	7440-36-0					< 0.4 U
Arsenic, Total	7440-38-2					0.83 J
Barium, Total	7440-39-3					80
Beryllium, Total	7440-41-7					< 0.15 U
Cadmium, Total	7440-43-9					0.17
Calcium, Total	7440-70-2	-				67000
Chromium, Total	7440-47-3					< 1 U
Cobalt, Total	7440-48-4	<u> </u>				0.47
Copper, Total	7440-50-8					5.8
ron, Total	7439-89-6					890
Lead, Total	7439-92-1					12
Magnesium, Total	7439-95-4					9100
Manganese, Total	7439-96-5					87
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.1
Nickel, Total	7440-02-0					1.3

Potassium, Total	7440-09-7	mg/l	 2400
Selenium, Total	7782-49-2		 0.87 J B
Silver, Total	7440-22-4		 < 0.1 U
Sodium, Total	7440-23-5		 13000
Thallium, Total	7440-28-0		 < 0.1 U
Vanadium, Total	7440-62-2	mg/l	 1.2
Zinc, Total	7440-66-6	mg/l	 38
General			
Alkalinity	STL00171	mg/L	 96
Chloride	16887-00-6	mg/L	 11
Fluoride	16984-48-8	mg/L	 0.31
Nitrate as N	14797-55-8	mg/L	 < 0.023 U
рΗ	STL00204	SU	 8.38 HF
Sulfate	14808-79-8	mg/L	 88
Total Dissolved Solids	STL00242	mg/L	 270
Total Hardness	STL00009	mg/L	 200
Total Suspended Solids	STL00161	mg/L	 40

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FW-012
					Sample ID	FW-012-150811-11 8/11/2015
					Date Date	
Analyte	CAS.NO	Units			-	
	CHORTO	N.T. CARRES	Recreationa	Agricultur	•	II.
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			34 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.4 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		< 0.37 U
Barium, Dissolved	7440-39-3	mg/l	33000			64
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.043 U
Calcium, Dissolved	7440-70-2					66000
Chromium, Dissolved	7440-47-3		210000	100		< 1 U
Cobalt, Dissolved	7440-48-4		50			< 0.12 U
Copper, Dissolved	7440-50-8		6700	100		2.6
ron, Dissolved	7439-89-6		120000			< 17 U
Lead, Dissolved	7439-92-1		200	100		0.13 J
Magnesium, Dissolved	7439-95-4					8800
Manganese, Dissolved	7439-96-5		7800	200		14
Mercury, Dissolved	7439-97-6					< 0.08 U
Molybdenum, Dissolved	7439-98-7					1.1
Nickel, Dissolved	7440-02-0		330	200		1
Potassium, Dissolved	7440-09-7					2200
Selenium, Dissolved	7782-49-2	-		20		1.5 J ^
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			< 0.3 U
Zinc, Dissolved	7440-66-6		50000			5.2 J
Metals, Total	7 1 10 00 0	1118/1	30000			1 3:23
Aluminum, Total	7429-90-5	mg/l				220
Antimony, Total	7440-36-0					< 0.4 U
Arsenic, Total	7440-38-2					< 0.37 U
Barium, Total	7440-39-3					68
Beryllium, Total	7440-41-7					< 0.15 U
Cadmium, Total	7440-41-7					0.086 J
Calcium, Total	7440-43-3	-				65000
Chromium, Total	7440-70-2					< 1 U
Cobalt, Total	7440-47-3					0.25 J
Copper, Total	7440-48-4					3.9
ron, Total	7440-30-8					390
· · · · · · · · · · · · · · · · · · ·						5.1
Lead, Total	7439-92-1					
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5					57
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.1
Nickel, Total	7440-02-0	mg/l				0.93 J

Potassium, Total	7440-09-7	mg/l		 2200
Selenium, Total	7782-49-2	mg/l		 < 0.58 U
Silver, Total	7440-22-4			 < 0.1 U
Sodium, Total	7440-23-5	mg/l		 16000
Thallium, Total	7440-28-0	mg/l		 < 0.1 U
Vanadium, Total	7440-62-2	mg/l		 0.44 J
Zinc, Total	7440-66-6	mg/l		 20
General			· · · · · · · · · · · · · · · · · · ·	
Alkalinity	STL00171	mg/L		 93
Chloride	16887-00-6	mg/L		 12
Fluoride	16984-48-8	mg/L		 0.33
Nitrate as N	14797-55-8	mg/L		 < 0.023 U H
рН	STL00204	SU		 8.19 HF
Sulfate	14808-79-8	mg/L		 100
Total Dissolved Solids	STL00242	mg/L		 270
Total Hardness	STL00009	mg/L		 200
Total Suspended Solids	STL00161	mg/L		 24

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	FW-040
					Sample ID	FW-040-150811-11
	la.c.vo				Date	8/11/2015
Analyte	CAS.NO		D	A		
Metals, Dissolved			Recreationa 1 RSL	ı Agricultui e	•	
Aluminum, Dissolved	7429-90-5	mg/l	170000			35 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.4 U
Arsenic, Dissolved	7440-38-2		50	100		0.43 J
Barium, Dissolved	7440-39-3		33000			65
Beryllium, Dissolved	7440-41-7		330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.043 U
Calcium, Dissolved	7440-70-2					67000
Chromium, Dissolved	7440-47-3		210000	100		< 1 U
Cobalt, Dissolved	7440-48-4		50	1		0.12 J
Copper, Dissolved	7440-50-8		6700	100		2.8
ron, Dissolved	7439-89-6		120000			< 17 U
Lead, Dissolved	7439-92-1		200	100		0.22 J
Magnesium, Dissolved	7439-95-4					8900
Manganese, Dissolved	7439-96-5		7800	200		8.2
Mercury, Dissolved	7439-97-6	<u> </u>				< 0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2			20		1 J B
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5					17000
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			< 0.3 U
Zinc, Dissolved	7440-66-6		50000			< 2.8 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				260
Antimony, Total	7440-36-0					< 0.4 U
Arsenic, Total	7440-38-2					0.7 J
Barium, Total	7440-39-3	mg/l				70
Beryllium, Total	7440-41-7					< 0.15 U
Cadmium, Total	7440-43-9					0.13
Calcium, Total	7440-70-2					69000
Chromium, Total	7440-47-3					< 1 U
Cobalt, Total	7440-48-4					0.28 J
Copper, Total	7440-50-8	mg/l				9.5
ron, Total	7439-89-6	mg/l				400
Lead, Total	7439-92-1	mg/l				5.7
Magnesium, Total	7439-95-4					9100
Manganese, Total	7439-96-5					64
Mercury, Total	7439-97-6	mg/l				< 0.08 U
Molybdenum, Total	7439-98-7	mg/l				1
Nickel, Total	7440-02-0	mg/l				1.3

Potassium, Total	7440-09-7	mg/l	2300
H '			
Selenium, Total	7782-49-2	mg/l	 0.72 J B
Silver, Total	7440-22-4	mg/l	 < 0.1 U
Sodium, Total	7440-23-5	mg/l	 17000
Thallium, Total	7440-28-0	mg/l	 < 0.1 U
Vanadium, Total	7440-62-2	mg/l	 0.51 J
Zinc, Total	7440-66-6	mg/l	 37
General			
Alkalinity	STL00171	mg/L	 94
Chloride	16887-00-6	mg/L	 12
Fluoride	16984-48-8	mg/L	 0.33
Nitrate as N	14797-55-8	mg/L	 < 0.023 U
рΗ	STL00204	SU	 8.26 HF
Sulfate	14808-79-8	mg/L	 100
Total Dissolved Solids	STL00242	mg/L	 280
Total Hardness	STL00009	mg/L	 210
Total Suspended Solids	STL00161	mg/L	 42

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-020
					Sample ID	LVW-020-150811-11
					Date	8/11/2015
Analyte	CAS.NO	Units			2.00	
A Section of the Sect	4 8558838	L	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 24 U
Antimony, Dissolved	7440-36-0	mg/l				< 0.4 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.91 J
Barium, Dissolved	7440-39-3	mg/l	33000			76
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.043 U
Calcium, Dissolved	7440-70-2	mg/l				59000
Chromium, Dissolved	7440-47-3		210000	100		< 1 U
Cobalt, Dissolved	7440-48-4		50			0.13 J
Copper, Dissolved	7440-50-8		6700	100		3.1
ron, Dissolved	7439-89-6		120000			< 17 U
Lead, Dissolved	7439-92-1		200	100		< 0.06 U
Magnesium, Dissolved	7439-95-4					7900
Manganese, Dissolved	7439-96-5		7800	200		3.2
Mercury, Dissolved	7439-97-6					< 0.08 U
Molybdenum, Dissolved	7439-98-7					1.3
Nickel, Dissolved	7440-02-0		330	200		1.3
Potassium, Dissolved	7440-09-7					2500
Selenium, Dissolved	7782-49-2	-		20		0.94 J ^
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5					21000
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			0.73 J
Zinc, Dissolved	7440-66-6		50000			30
Metals, Total	7440-00-0	1118/1	30000			<u> </u>
Aluminum, Total	7429-90-5	mg/l				790
Antimony, Total	7440-36-0					< 0.4 U
Arsenic, Total	7440-38-2					1.1
Barium, Total	7440-38-2					110
Beryllium, Total	7440-39-3					0.17 J
Cadmium, Total	7440-41-7					< 0.043 U
· · · · · · · · · · · · · · · · · · ·						
Calcium, Total	7440-70-2					60000
Chromium, Total	7440-47-3					< 1 U
Cobalt, Total	7440-48-4					0.88
Copper, Total	7440-50-8	<u> </u>				4.8
ron, Total	7439-89-6					590
Lead, Total	7439-92-1					3.5
Magnesium, Total	7439-95-4					7900
Manganese, Total	7439-96-5					100
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7	mg/l				0.96 J
Nickel, Total	7440-02-0	mg/l				1.6

Potassium, Total	7440-09-7	mg/l	 2500
Selenium, Total	7782-49-2		 0.8 J ^
Silver, Total	7440-22-4		 < 0.1 U
Sodium, Total	7440-23-5	mg/l	 20000
Thallium, Total	7440-28-0		 < 0.1 U
Vanadium, Total	7440-62-2		 2.3
Zinc, Total	7440-66-6	mg/l	 110
General			
Alkalinity	STL00171	mg/L	 95
Chloride	16887-00-6	mg/L	 9.4
Fluoride	16984-48-8	mg/L	 0.27
Nitrate as N	14797-55-8	mg/L	 0.23 H
рН	STL00204	SU	 8.22 HF
Sulfate	14808-79-8	mg/L	 89
Total Dissolved Solids	STL00242	mg/L	 270
Total Hardness	STL00009	mg/L	 180
Total Suspended Solids	STL00161	mg/L	 190

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

					Location	LVW-030
					Sample ID	LVW-030-150811-11
					Date	8/11/2015
Analyte	CAS.NO		D .:	1		
Metals, Dissolved			Recreationa 1 RSL	ı Agricultui e	r	
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 24 U
Antimony, Dissolved	7440-36-0	mg/l				< 0.4 U
Arsenic, Dissolved	7440-38-2		50	100		0.46 J
Barium, Dissolved	7440-39-3		33000			78
Beryllium, Dissolved	7440-41-7		330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.043 U
Calcium, Dissolved	7440-70-2					59000
Chromium, Dissolved	7440-47-3		210000	100		< 1 U
Cobalt, Dissolved	7440-48-4		50			0.13 J
Copper, Dissolved	7440-50-8		6700	100		2.1
ron, Dissolved	7439-89-6		120000			< 17 U
Lead, Dissolved	7439-92-1		200	100		< 0.06 U
Magnesium, Dissolved	7439-95-4					7800
Manganese, Dissolved	7439-96-5		7800	200		4.5
Mercury, Dissolved	7439-97-6					< 0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2400
Selenium, Dissolved	7782-49-2			20		1.5 J B
Silver, Dissolved	7440-22-4					< 0.1 U
Sodium, Dissolved	7440-23-5					21000
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2		830			0.71 J
Zinc, Dissolved	7440-66-6		50000			35
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				1200
Antimony, Total	7440-36-0					< 0.4 U
Arsenic, Total	7440-38-2					1.1
Barium, Total	7440-39-3					110
Beryllium, Total	7440-41-7					0.21 J
Cadmium, Total	7440-43-9					< 0.043 U
Calcium, Total	7440-70-2					62000
Chromium, Total	7440-47-3					< 1 U
Cobalt, Total	7440-48-4					1.1
Copper, Total	7440-50-8					4.9
ron, Total	7439-89-6					740
Lead, Total	7439-92-1					3.5
Magnesium, Total	7439-95-4					8100
Manganese, Total	7439-96-5					130
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7					0.91 J
Nickel, Total	7440-02-0					1.8

Potassium, Total	7440-09-7	ma/I		2600
· · · · · · · · · · · · · · · · · · ·		mg/l		
Selenium, Total	7782-49-2	mg/l		0.75 J ^
Silver, Total	7440-22-4	mg/l		< 0.1 U
Sodium, Total	7440-23-5	mg/l		20000
Thallium, Total	7440-28-0	mg/l		< 0.1 U
Vanadium, Total	7440-62-2	mg/l		2.8
Zinc, Total	7440-66-6	mg/l		17 J
General				•
Alkalinity	STL00171	mg/L		95
Chloride	16887-00-6	mg/L		9.1
Fluoride	16984-48-8	mg/L		0.27
Nitrate as N	14797-55-8	mg/L		0.17 H
рΗ	STL00204	SU		8.2 HF
Sulfate	14808-79-8	mg/L		89
Total Dissolved Solids	STL00242	mg/L		260
Total Hardness	STL00009	mg/L		190
Total Suspended Solids	STL00161	mg/L		370

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

						MAN 020 1	
					Location	MW-020	
					Sample ID	MW-020-150811-11	
					Date	8/11/2015	
Analyte	CAS.NO	Units					
Metals, Dissolved			Recreationa 1 RSL				
Aluminum, Dissolved	7429-90-5	mg/l	170000	<u>e</u>		41 J	
Antimony, Dissolved	7440-36-0		170000			< 0.4 U	
Arsenic, Dissolved	7440-38-2		50	100		< 0.37 U	
Barium, Dissolved	7440-39-3		33000	100		62	
Beryllium, Dissolved	7440-41-7		330	100		< 0.15 U	
Cadmium, Dissolved	7440-43-9		83	10		< 0.043 U	
Calcium, Dissolved	7440-70-2			10		64000	
Chromium, Dissolved	7440-47-3		210000	100		< 1 U	
Cobalt, Dissolved	7440-48-4	,	50	100		< 0.12 U	
Copper, Dissolved	7440-50-8		6700	100		2.7	
ron, Dissolved	7439-89-6		120000			< 17 U	
Lead, Dissolved	7439-92-1		200	100		0.21 J	
Magnesium, Dissolved	7439-95-4					8900	
Manganese, Dissolved	7439-96-5		7800	200		12	
Mercury, Dissolved	7439-97-6	•				< 0.08 U	
Molybdenum, Dissolved	7439-98-7	mg/l				1.4	
Nickel, Dissolved	7440-02-0		330	200		1.3	
Potassium, Dissolved	7440-09-7	mg/l				2300	
Selenium, Dissolved	7782-49-2			20		1.2 J B	
Silver, Dissolved	7440-22-4					< 0.1 U	
Sodium, Dissolved	7440-23-5	-				17000	
Thallium, Dissolved	7440-28-0		1.7			< 0.1 U	
Vanadium, Dissolved	7440-62-2		830			< 0.3 U	
Zinc, Dissolved	7440-66-6		50000			< 2.8 U	
Metals, Total		- U					
Aluminum, Total	7429-90-5	mg/l				230	
Antimony, Total	7440-36-0	mg/l				< 0.4 U	
Arsenic, Total	7440-38-2	mg/l				0.62 J	
Barium, Total	7440-39-3	mg/l				66	
Beryllium, Total	7440-41-7	mg/l				< 0.15 U	
Cadmium, Total	7440-43-9	mg/l				0.078 J	
Calcium, Total	7440-70-2	mg/l				63000	
Chromium, Total	7440-47-3	mg/l				< 1 U	
Cobalt, Total	7440-48-4	mg/l				0.24 J	
Copper, Total	7440-50-8	mg/l				4.2	
ron, Total	7439-89-6	mg/l				370	
Lead, Total	7439-92-1	mg/l				5.2	
Magnesium, Total	7439-95-4	mg/l				8800	
Manganese, Total	7439-96-5	mg/l				58	
Mercury, Total	7439-97-6	mg/l				< 0.08 U	
Molybdenum, Total	7439-98-7	mg/l				1	
Nickel, Total	7440-02-0	mg/l				1	

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Potassium, Total	7440-09-7	mg/l	 2300
Selenium, Total	7782-49-2	mg/l	 0.94 J ^ B
Silver, Total	7440-22-4	mg/l	 < 0.1 U
Sodium, Total	7440-23-5	mg/l	 16000
Thallium, Total	7440-28-0	mg/l	 < 0.1 U
Vanadium, Total	7440-62-2	mg/l	 0.46 J
Zinc, Total	7440-66-6	mg/l	 25
General			
Alkalinity	STL00171	mg/L	 87
Chloride	16887-00-6	mg/L	 12
Fluoride	16984-48-8	mg/L	 0.33
Nitrate as N	14797-55-8	mg/L	 < 0.023 U
рН	STL00204	SU	 8.37 HF
Sulfate	14808-79-8	mg/L	 100
Total Dissolved Solids	STL00242	mg/L	 270
Total Hardness	STL00009	mg/L	 190
Total Suspended Solids	STL00161	mg/L	 36

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

SHIPPINIS PARTIES PART				er Ammas i	7	
					Location	NSW-020
					Sample ID	NSW-020-150811-11
					Date	8/11/2015
Analyte	CAS.NO	Units				
	4.55555.50	100 mg - 100	Recreationa	Agricultur	•	
Metals, Dissolved			1 RSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			38 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.4 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.38 J
Barium, Dissolved	7440-39-3	mg/l	33000			65
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.15 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.043 U
Calcium, Dissolved	7440-70-2	mg/l				62000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 1 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.8
ron, Dissolved	7439-89-6	mg/l	120000			< 17 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.14 J
Magnesium, Dissolved	7439-95-4	mg/l				8800
Manganese, Dissolved	7439-96-5	mg/l	7800	200		11
Mercury, Dissolved	7439-97-6	mg/l				< 0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.1
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.6
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2			20		1.4 J B
Silver, Dissolved	7440-22-4	mg/l				< 0.1 U
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.1 U
Vanadium, Dissolved	7440-62-2	mg/l	830			< 0.3 U
Zinc, Dissolved	7440-66-6		50000			3 J
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				180 J
Antimony, Total	7440-36-0	mg/l				< 0.4 U
Arsenic, Total	7440-38-2	mg/l				0.37 J
Barium, Total	7440-39-3	mg/l				67
Beryllium, Total	7440-41-7	mg/l				< 0.15 U
Cadmium, Total	7440-43-9					0.093 J
Calcium, Total	7440-70-2					62000
Chromium, Total	7440-47-3					< 1 U
Cobalt, Total	7440-48-4					0.2 J
Copper, Total	7440-50-8					4
ron, Total	7439-89-6	<u> </u>				380
Lead, Total	7439-92-1					5.1
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5					46
Mercury, Total	7439-97-6					< 0.08 U
Molybdenum, Total	7439-98-7					1
Nickel, Total	7440-02-0					0.98 J

Potassium, Total	7440-09-7	mg/l	 2200
Selenium, Total	7782-49-2	mg/l	 < 0.58 U
Silver, Total	7440-22-4		 < 0.1 U
Sodium, Total	7440-23-5		 13000
Thallium, Total	7440-28-0		 < 0.1 U
Vanadium, Total	7440-62-2		 0.36 J
Zinc, Total	7440-66-6		 21
General			
Alkalinity	STL00171	mg/L	 92
Chloride	16887-00-6	mg/L	 11
Fluoride	16984-48-8	mg/L	 0.32
Nitrate as N	14797-55-8	mg/L	 < 0.023 U
рН	STL00204	SU	 8.31 HF
Sulfate	14808-79-8	mg/L	 88
Total Dissolved Solids	STL00242	mg/L	 250
Total Hardness	STL00009	mg/L	 190
Total Suspended Solids	STL00161	mg/L	 26

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Bold - Boldec	Bold	Bolded results identify a detected value.
J - Data Estin	J	Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Methc	MDL	Method Detection Limit
PQL - Practic	PQL	Practical Quantitation Limit, also known as reporting limit.
U - Analyte n	U	Analyte not detected at or above MDL qualifier
D - Diluted va	D	Diluted value qualifier.
mg/L - Parts	mg/L	Parts per million (millligrams per liter). Solids equivalent = mg/Kg.
ug/L - Parts	ug/L	Parts per billion (micrograms per liter). Solids equivalent = ug/Kg